

CITY OF TAMPA MOBILITY DEPARTMENT

CONTRACT PLANS

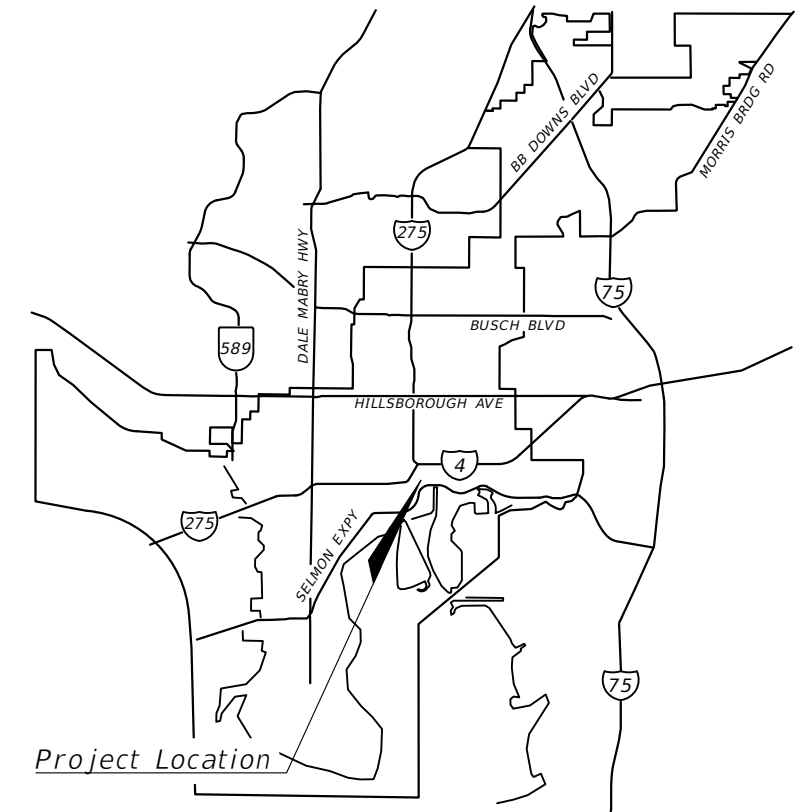
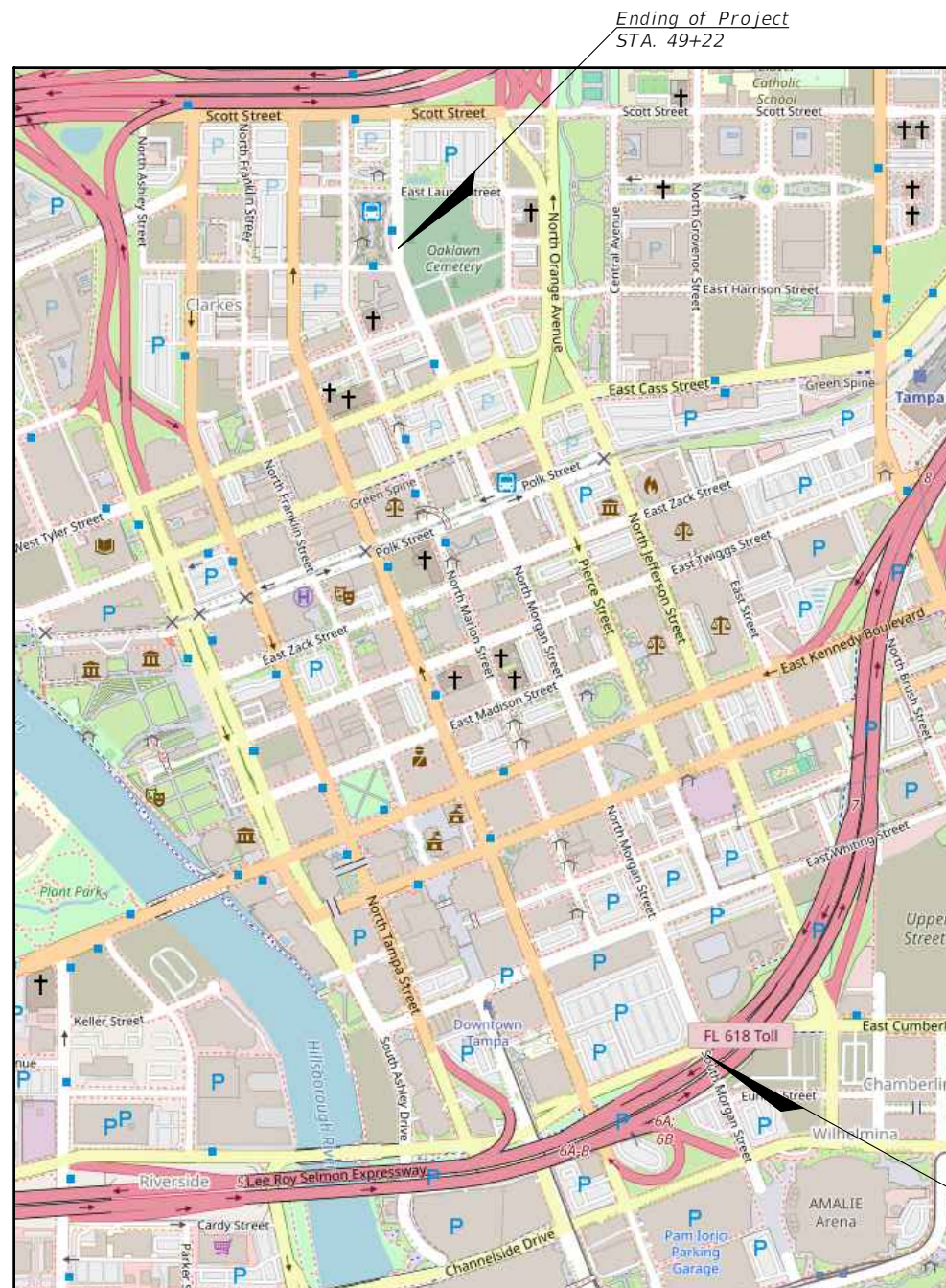
FINANCIAL PROJECT ID ----
HILLSBOROUGH COUNTY

MORGAN ST - BROREIN ST to FORTUNE ST (0.73 miles)

INDEX OF MORGAN ST

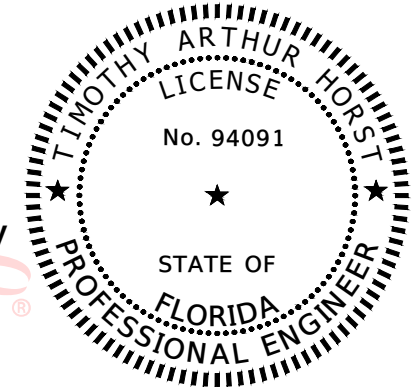
SHEET NO.	SHEET DESCRIPTION
1	KEYSHEET
2	TABULATION OF QUANTITIES
3	NOTES
4	DETAILS
5-11	ROADWAY PLANS
12-19	PAVEMENT MARKING PLANS
20-27	SIGNING PLANS
28	SIGNAL PLAN
29-30	TEMPORARY TRAFFIC CONTROL PLANS

GOVERNING STANDARDS AND SPECIFICATIONS
FLORIDA DEPARTMENT OF TRANSPORTATION FY
2024-25 DESIGN STANDARDS AND REVISED
INDEX DRAWING AS APPENDED HEREIN, AND
FY 2024-25 STANDARD SPECIFICATIONS FOR
ROAD AND BRIDGE CONSTRUCTION, AS
AMENDED BY CONTRACT DOCUMENTS AND THE
CITY OF TAMPA.



Timothy Horst

Digitally signed by
Timothy Horst
Date: 2024.12.17
13:20:10 -05'00'



FINAL PLANS
December
17, 2024

MORGAN ST
ENGINEER OF RECORD:

TIMOTHY ARTHUR HORST
P.E. NO. :94091
CITY OF TAMPA PROFESSIONAL ENGINEER
TRANSPORTATION AND STORMWATER SERVICES
DEPARTMENT
306 E JACKSON ST
TAMPA, FLORIDA 33602
CONTRACT NO.:
VENDOR NO.:
CERTIFICATE OF AUTHORIZATION NO.:

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T-0000	2024	1

Beginning of Project
STA. 10+86

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL
	MILLING EXISTING ASPHALT PAVEMENT, 1.5" THICK AVG DEPTH	SY	17525
	SUPERPAVE ASPHALTIC CONC, TRAFFIC C, 1.5" THICK AVG DEPTH	TN	1450
	PATTERNED PAVEMENT, VEHICULAR AREAS, GREEN BIKE LANE	SY	1125
	SIGN POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	4
	SIGN PANEL, F&I, UP TO 12 SF	EA	11
	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	AS	4
	DELINEATOR, 36" FLEXIBLE TUBULAR POST, 42" TUFF CURB	EA	191
	RETRO-REFLECTIVE PAVEMENT MARKERS WHITE/RED	EA	120
	RETRO-REFLECTIVE PAVEMENT MARKERS YELLOW/YELLOW	EA	156
	RETRO-REFLECTIVE PAVEMENT MARKERS BLUE/BLUE	EA	4
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	LF	11904
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK, 12"	LF	2237
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CHEVRON, 18"	LF	2271
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK, 24"	LF	2180
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 SKIP, 6"	LF	338
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 SKIP, 6"	LF	2058
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 6-10 SKIP, 6"	LF	140
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	13
	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	LF	5896
	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 3-9 SKIP, 6"	LF	1546
	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE, 6-10 SKIP, 6"	LF	236
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 3-9 SKIP DROP LINE, 12"	LF	306
	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF	11904
	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	2237
	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	2271
	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	2180
	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6", 10-30 SKIP	LF	338
	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6" 2-4 SKIP	LF	2058
	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6", 6-10 SKIP	LF	140
	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	13
	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	5896
	THERMOPLASTIC, STANDARD, YELLOW, 3-9 DOTTED GUIDE LINE, 6"	LF	1546
	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE, 6"	LF	236
	THERMOPLASTIC, STANDARD, WHITE, SKIP, 12" 3-9 LANE DROP	LF	306
	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE, BIKE & SHARROW	EA	52
	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	14
	THERMOPLASTIC, PREFORMED, WHITE, ARROW, BIKE THRU	EA	45

REVISIONS				TIMOTHY ARTHUR HORST, P.E. P.E. LICENSE NUMBER 94091 CITY OF TAMPA 306 E. JACKSON ST TAMPA, FL 33602 CERTIFICATE OF AUTHORIZATION ----	CITY OF TAMPA MOBILITY DEPARTMENT			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		2
----	----				MORGAN ST	HILLSBOROUGH	----		

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GENERAL NOTES

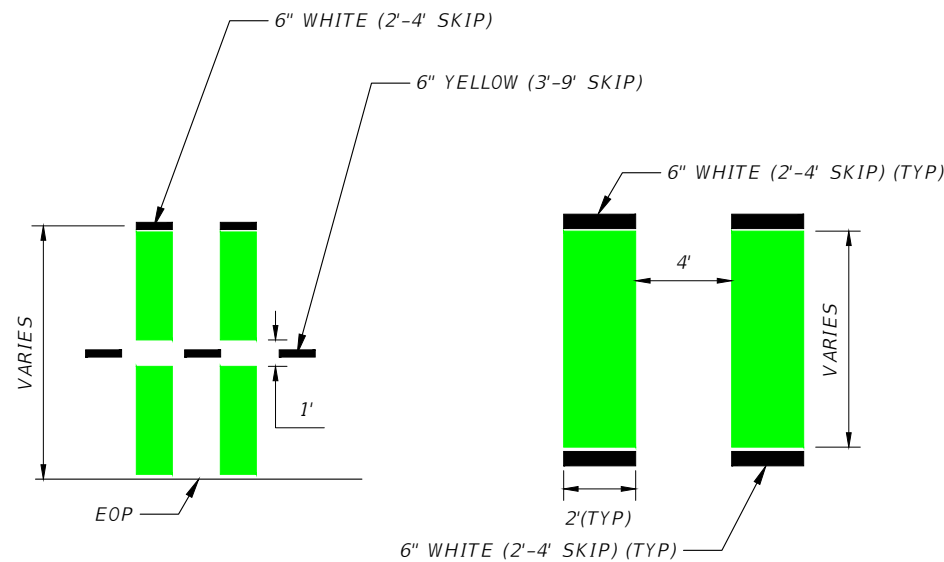
1. CITY OF TAMPA STANDARD DRAWINGS ARE AVAILABLE AT THE CITY HALL ANNEX, 306 E. JACKSON STREET, 6TH FLOOR, EAST WING.
2. CALL SUNSHINE (1-800-432-4770) AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.
3. STREET SIGNS AND STREET MARKERS SHALL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER. ANY LOST OR DAMAGED SIGNS OR MARKERS SHALL BE REPLACED.
4. AS-BUILT MUST BE A COPY OF THE FULL DIGITALLY SIGNED AND SEALED SET, WITH CAPTION THAT IDENTIFIES THE SIGNAL CONTRACTORS INFORMATION AND LABELED "AS-BUILT", BOTH MUST BE ON THE COVER SHEET AND THE AS-BUILT MUST BE SCANNED AT 300PPI, PER CITY OF TAMPA ARCHIVE DEPARTMENT POLICIES.

TRAFFIC SIGNAL NOTES:

1. CONTACT DAVID WORLEY, SIGNAL SHOP SUPERVISOR, AT DAVID.WORLEY@TAMPAGOV.NET (813.393.8425). CONTRACTOR MUST SCHEDULE, 10 DAYS IN ADVANCE, FOR AN INSPECTION.
2. UNDERGROUND SIGNAL CABLE, FIBER OPTIC LINES AND CONDUIT EXIST AT SIGNALIZED INTERSECTIONS. ALL SIGNS WITHIN 50' OF A SIGNALIZED INTERSECTION MUST BE MARKED IN WHITE PRIOR TO CONTACTING SUNSHINE AND INSTALLATION.
3. DETECTABLE WARNINGS MUST BE RED IN COLOR.

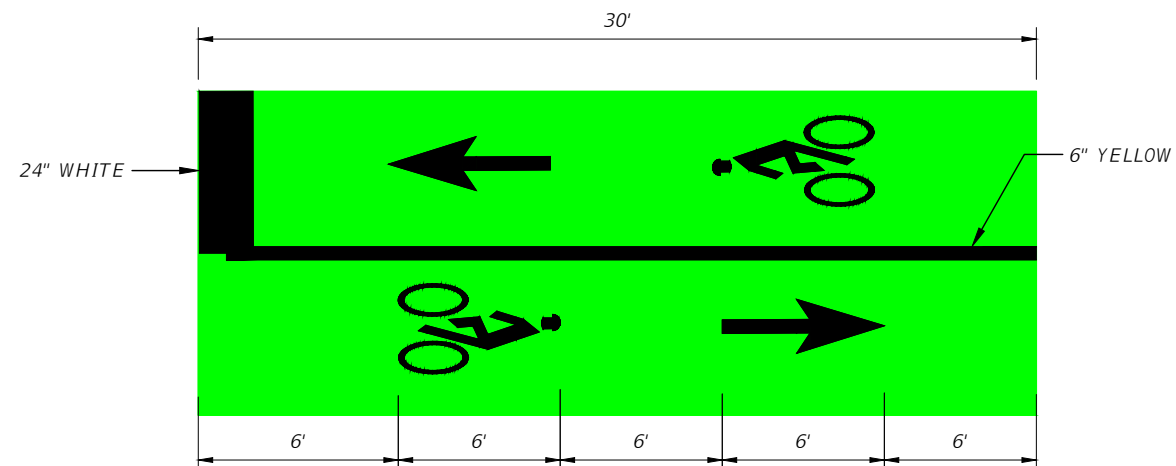
SIGNING AND PAVEMENT MARKING GENERAL NOTES:

1. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE PLANS WITH THE APPROPRIATE FDOT DESIGN STANDARD INDEX AND MUTCD ADHERENCE. ALL PAVEMENT MARKINGS SHALL BE REINSTALLED ACCORDING TO EXISTING MARKINGS UNLESS OTHERWISE NOTED.
2. CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS SO AS TO PREVENT DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, THEY SHALL BE REPLACED.
3. THE SIGN AND PAVEMENT MARKING LOCATIONS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
4. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION.
5. REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH CURRENT FDOT STANDARD INDEX 706-001.
6. INSTALL PROPOSED SIGNS ACCORDING TO FDOT INDEX NO. 700-101 (TYPICAL SECTIONS FOR PLACEMENT OF SINGLE & MULTI-COLUMN SIGNS) UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.
7. WHEN UPGRADING OR INSTALLING PEDESTRIAN CROSSWALKS, PED RAMPS SHALL BE MADE ADA COMPLIANT IF NEEDED.
8. ANY VEGETATION INTERFERING WITH THE VISIBILITY OF THE EXISTING AND/OR PROPOSED SIGNS SHALL BE TRIMMED OR REMOVED UNTIL FULL VISIBILITY IS RESTORED.
9. ADD BLUE RPM AT EACH FIRE HYDRANT LOCATION ADJACENT TO TPB AS PER FDOT STANDARD PLANS 706-001
10. MINOR VARIATIONS IN ROADWAY WIDTH ARE TO BE ACCOMMODATED BY FLUCTUATIONS IN BUFFER WIDTH.



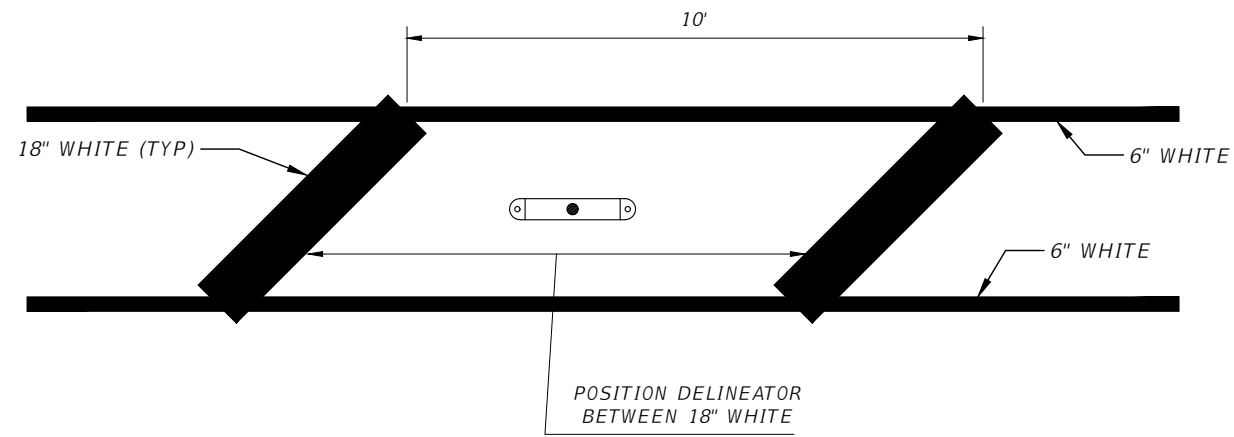
CYCLE TRACK CONFLICT MARKING DETAILS

REFER TO FDOT DESIGN MANUAL SECTION 223

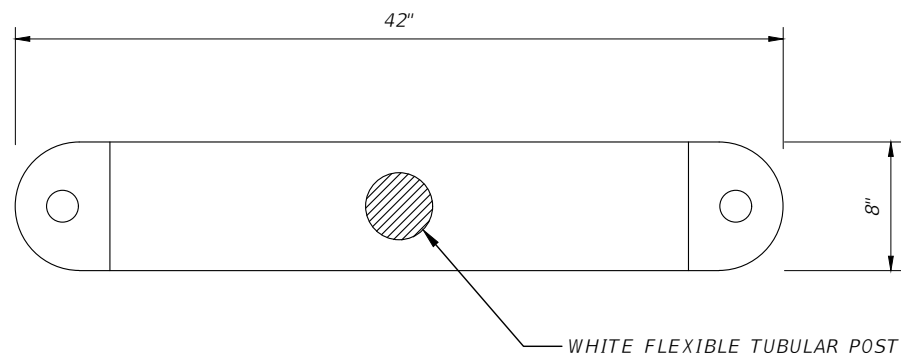


CYCLE TRACK INTERSECTION MARKINGS DETAIL

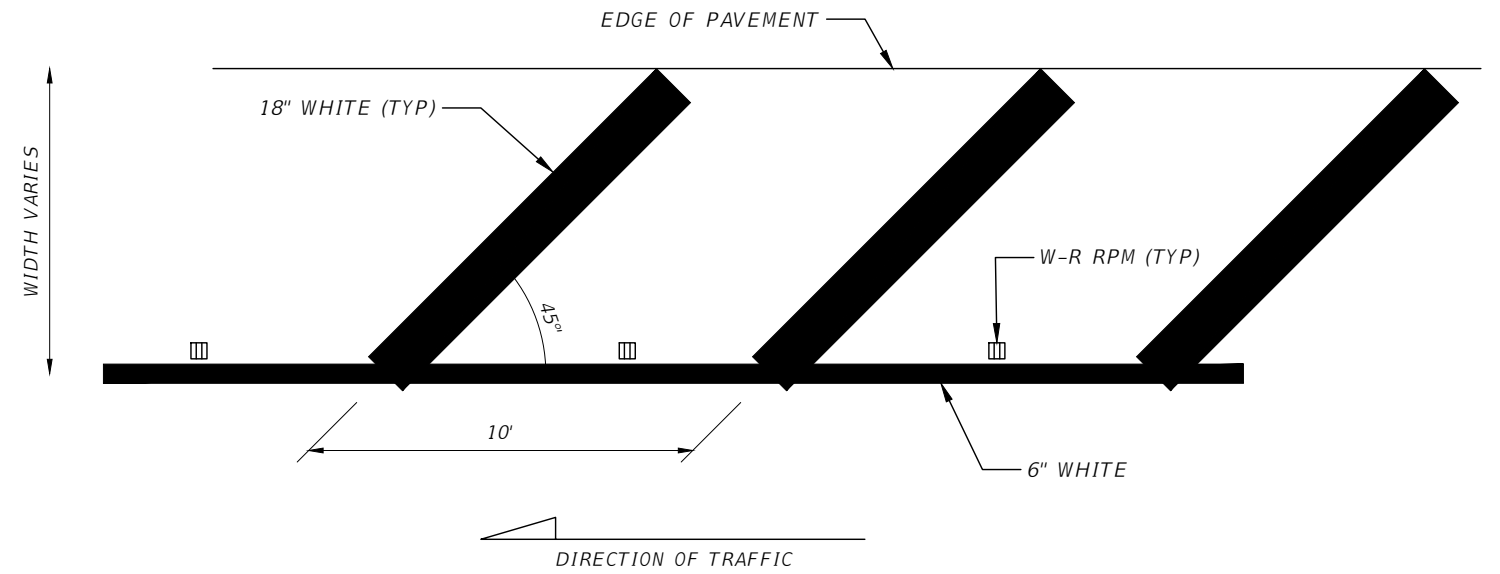
REVISIONS				TIMOTHY ARTHUR HORST, P.E. P.E. LICENSE NUMBER 94091 CITY OF TAMPA 306 E. JACKSON ST TAMPA, FL 33602 CERTIFICATE OF AUTHORIZATION ----	CITY OF TAMPA MOBILITY DEPARTMENT			NOTES	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
----	----	----	----		MORGAN ST	HILLSBOROUGH	----		



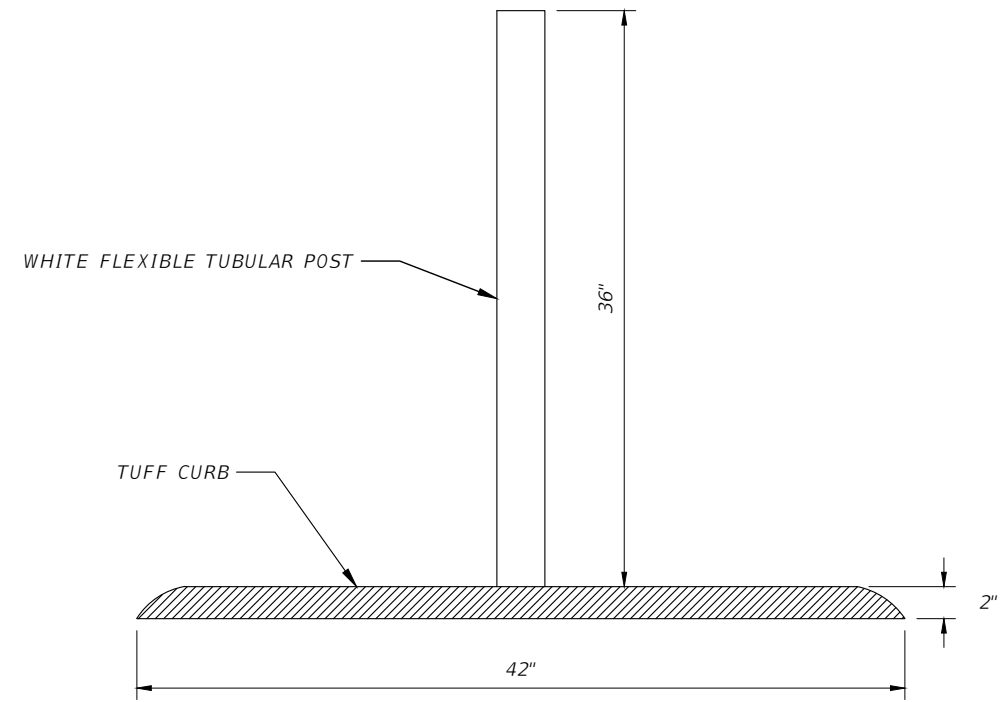
**TRAFFIC SEPARATOR & BUFFER DETAIL
PLAN AND PROFILE VIEW**



TUFF CURB SEPARATOR DETAIL



GORE AREA DETAIL



DELINEATOR DETAIL

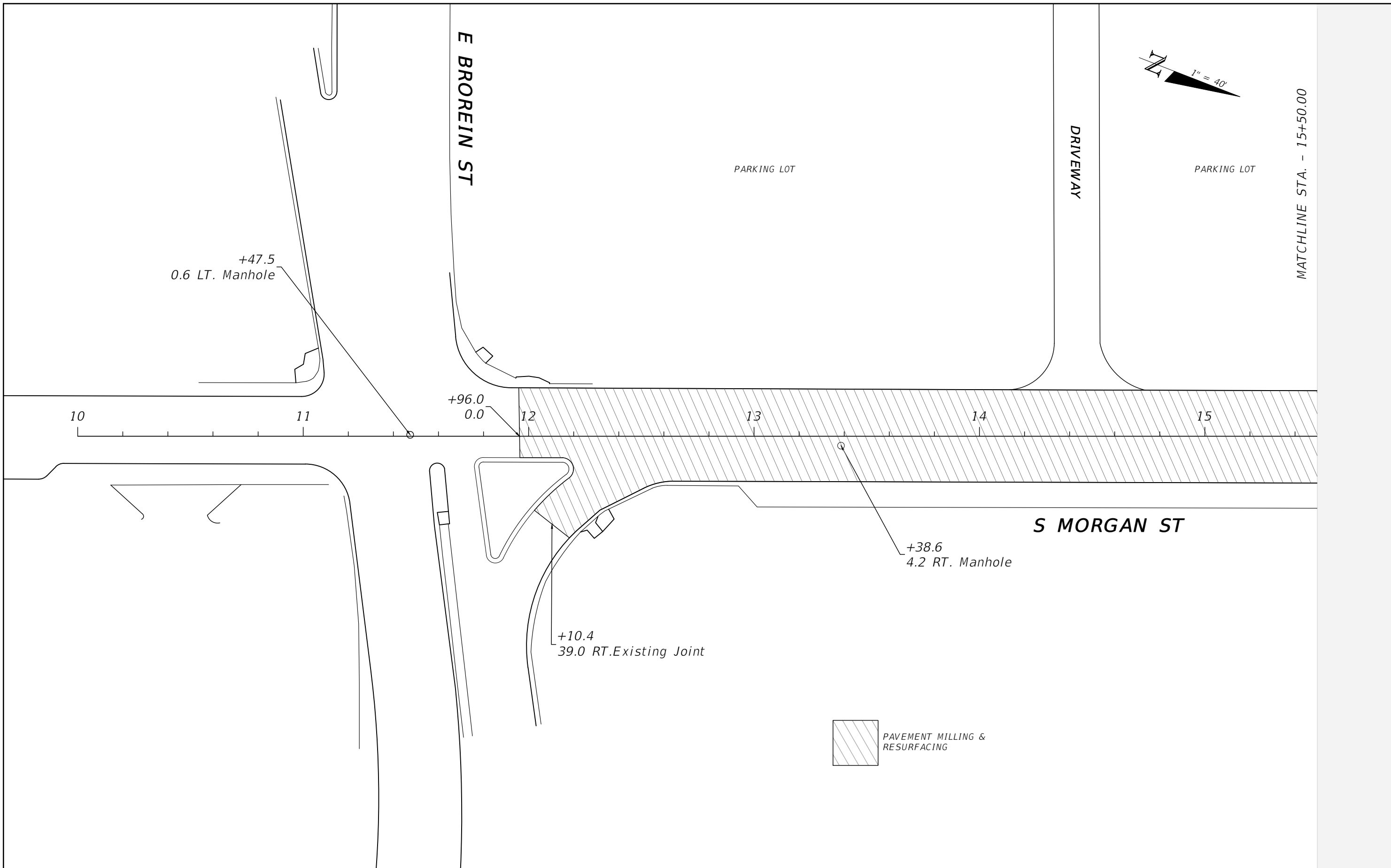
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306 E. JACKSON ST
TAMPA, FL 33602
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CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MORGAN ST	HILLSBOROUGH	----

DETAILS

SHEET NO.
4



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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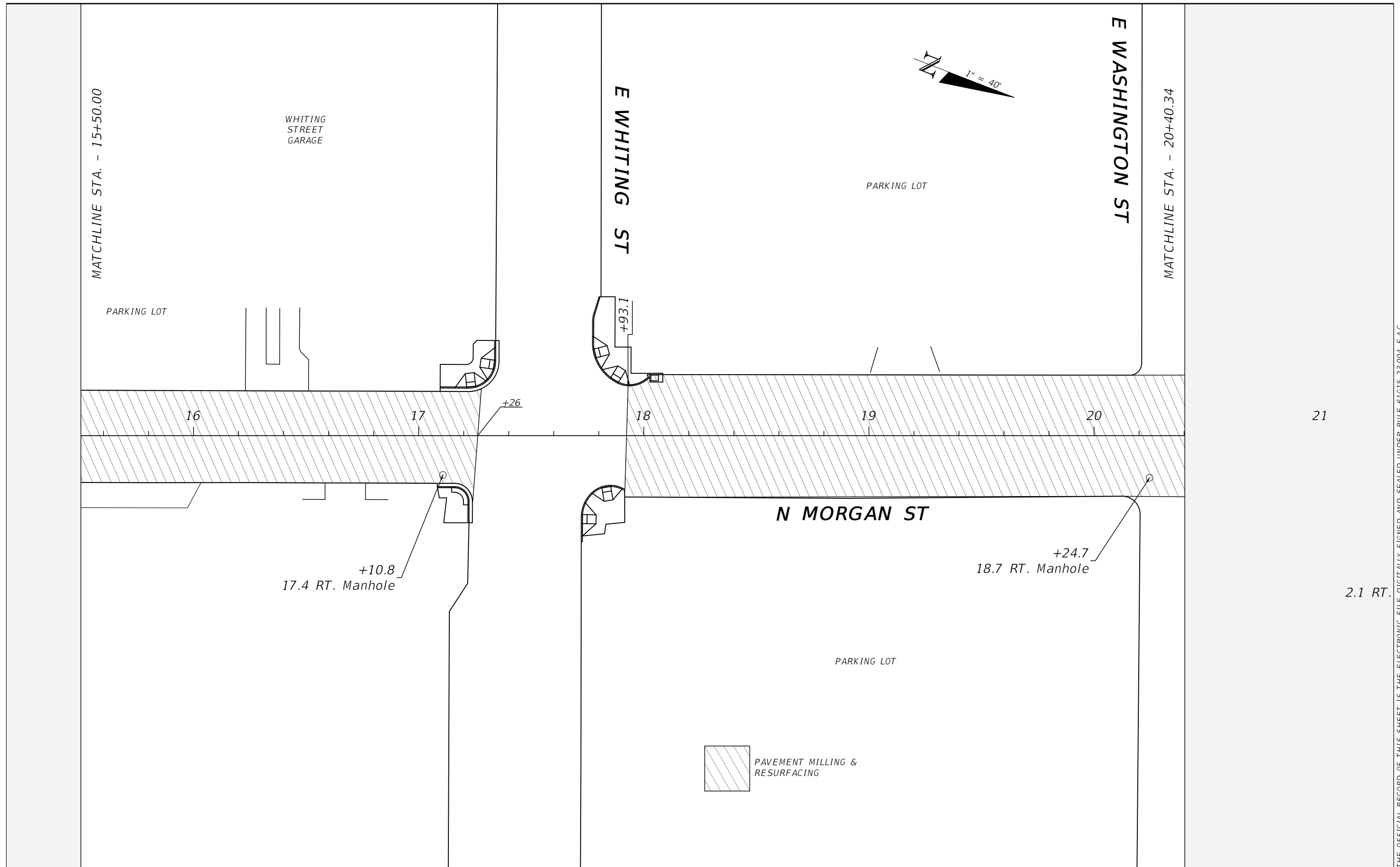
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MORGAN ST	HILLSBOROUGH	----

ROADWAY PLAN

SHEET NO.
5

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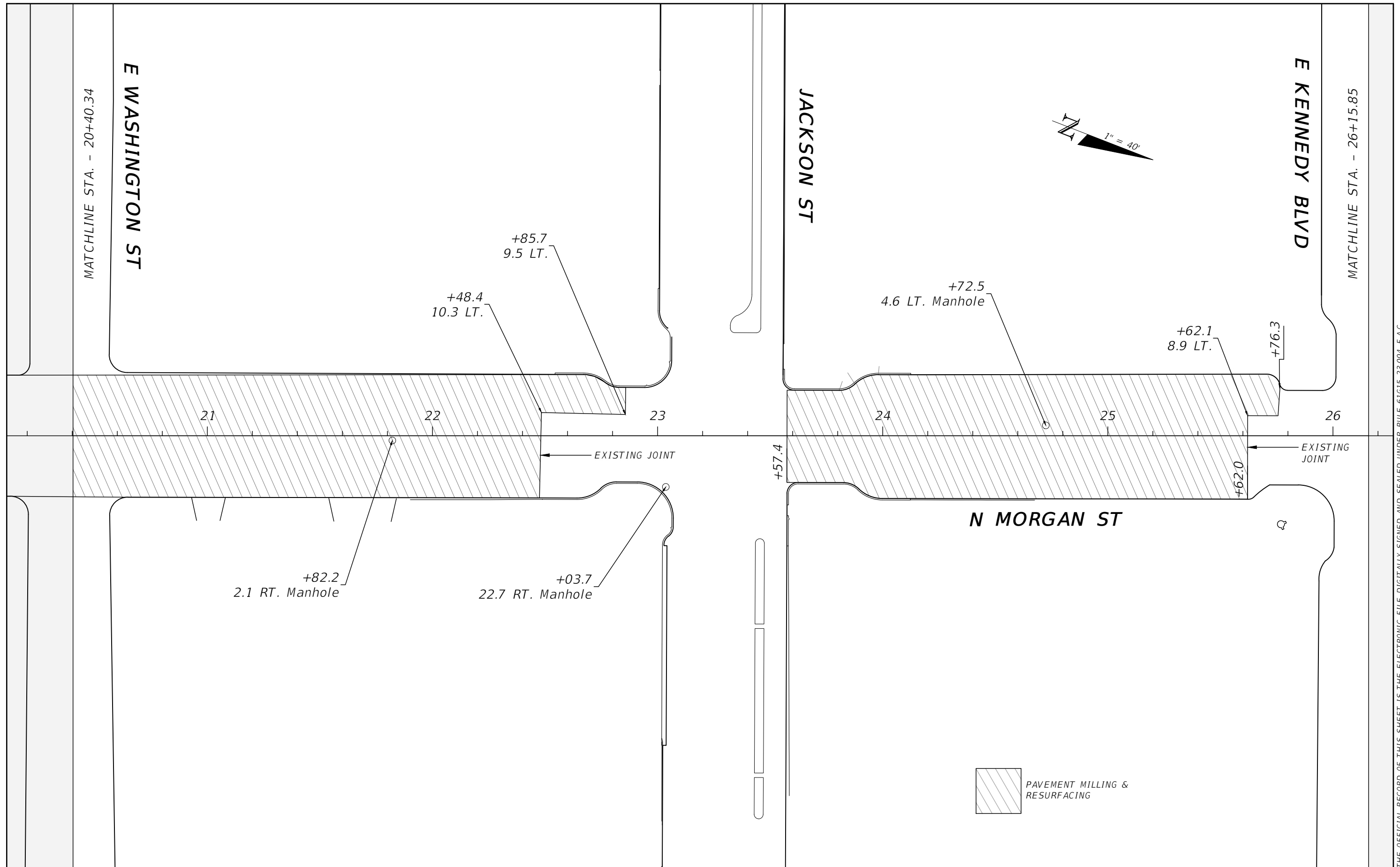
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MORGAN ST	HILLSBOROUGH	----

ROADWAY PLAN

SHEET NO.
6



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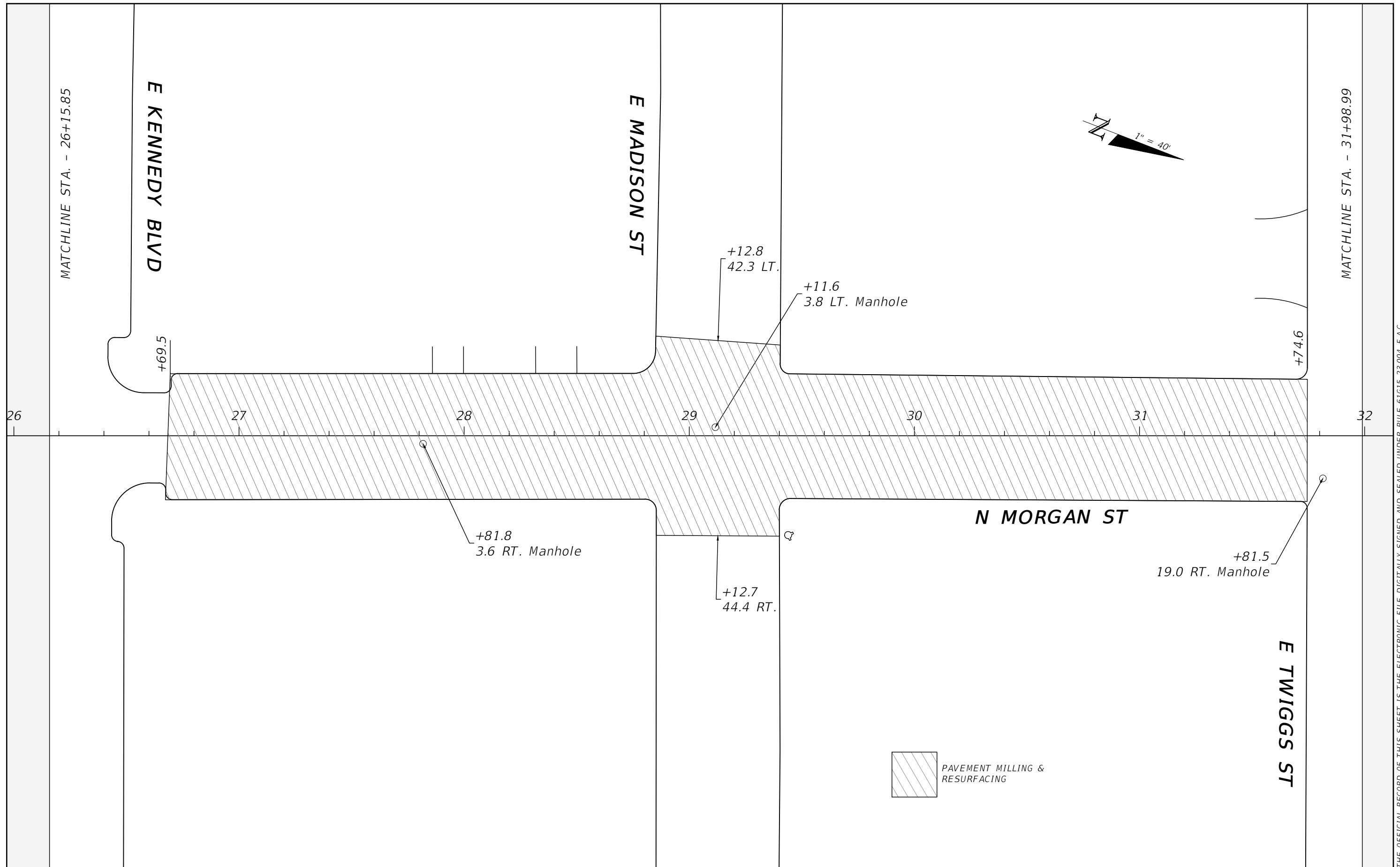
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MORGAN ST	HILLSBOROUGH	----

ROADWAY PLAN

SHEET NO.
7



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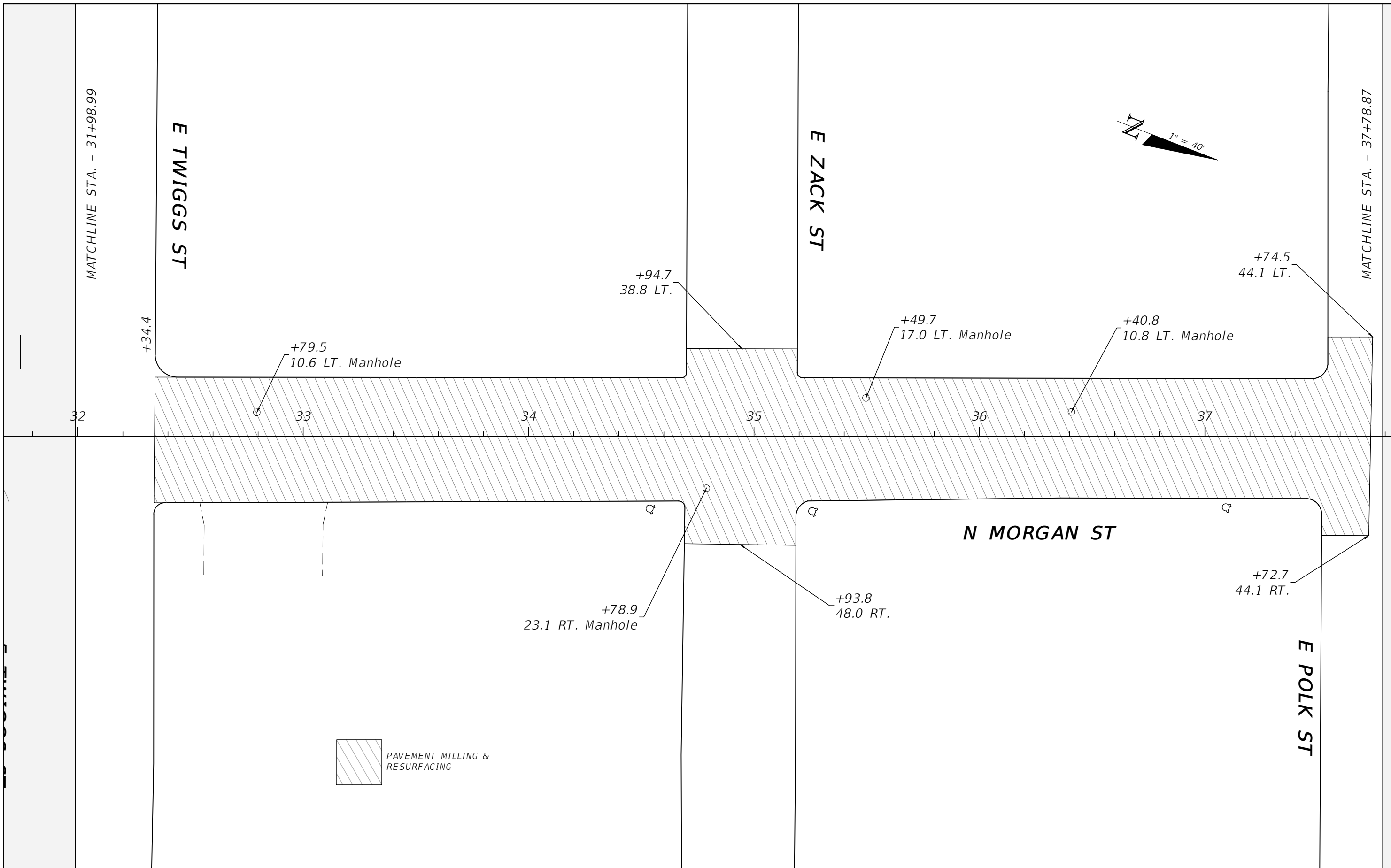
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DATE	DESCRIPTION	DATE	DESCRIPTION
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MORGAN ST	HILLSBOROUGH	----

ROADWAY PLAN

SHEET NO.
8



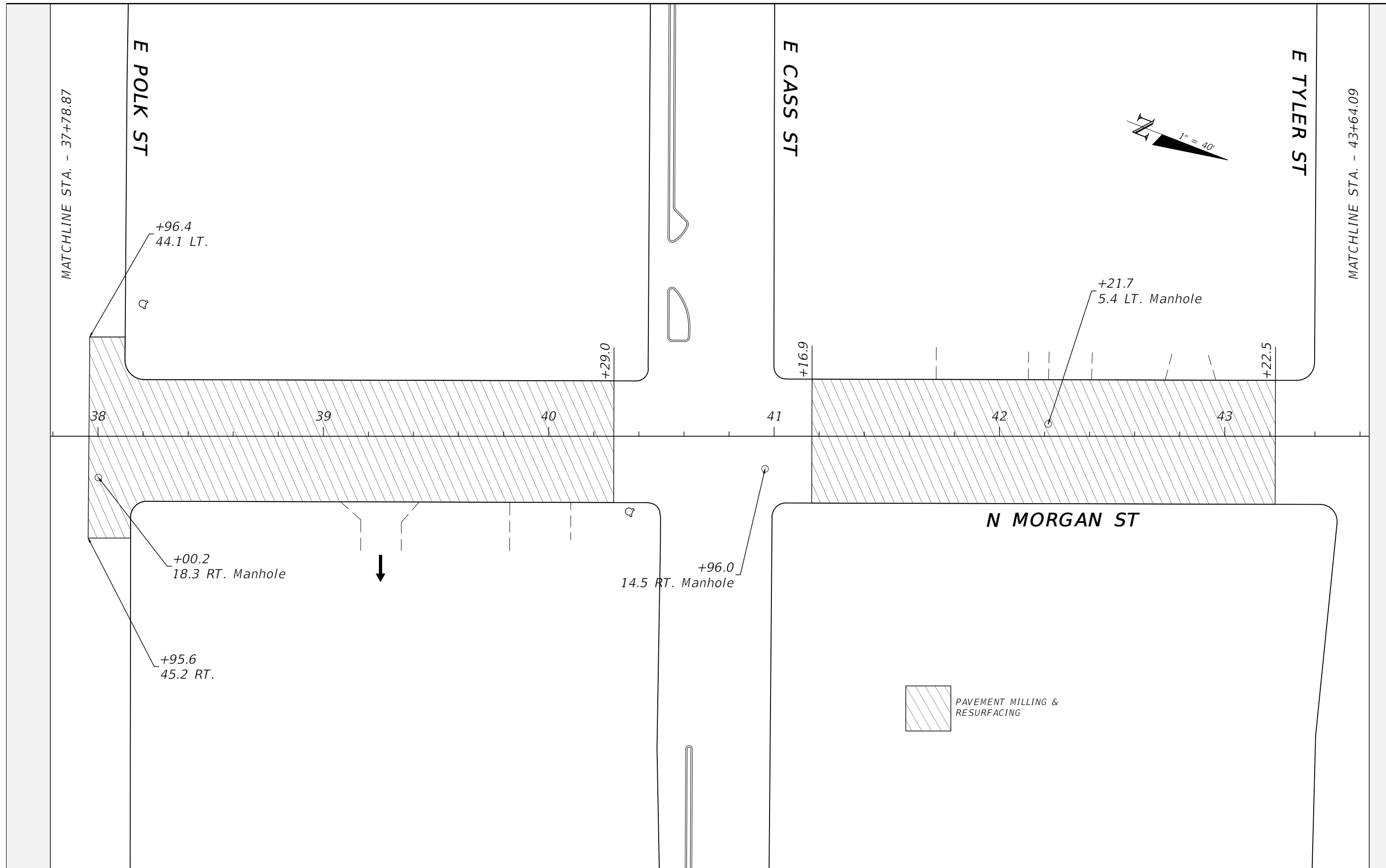
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MORGAN ST	HILLSBOROUGH	----

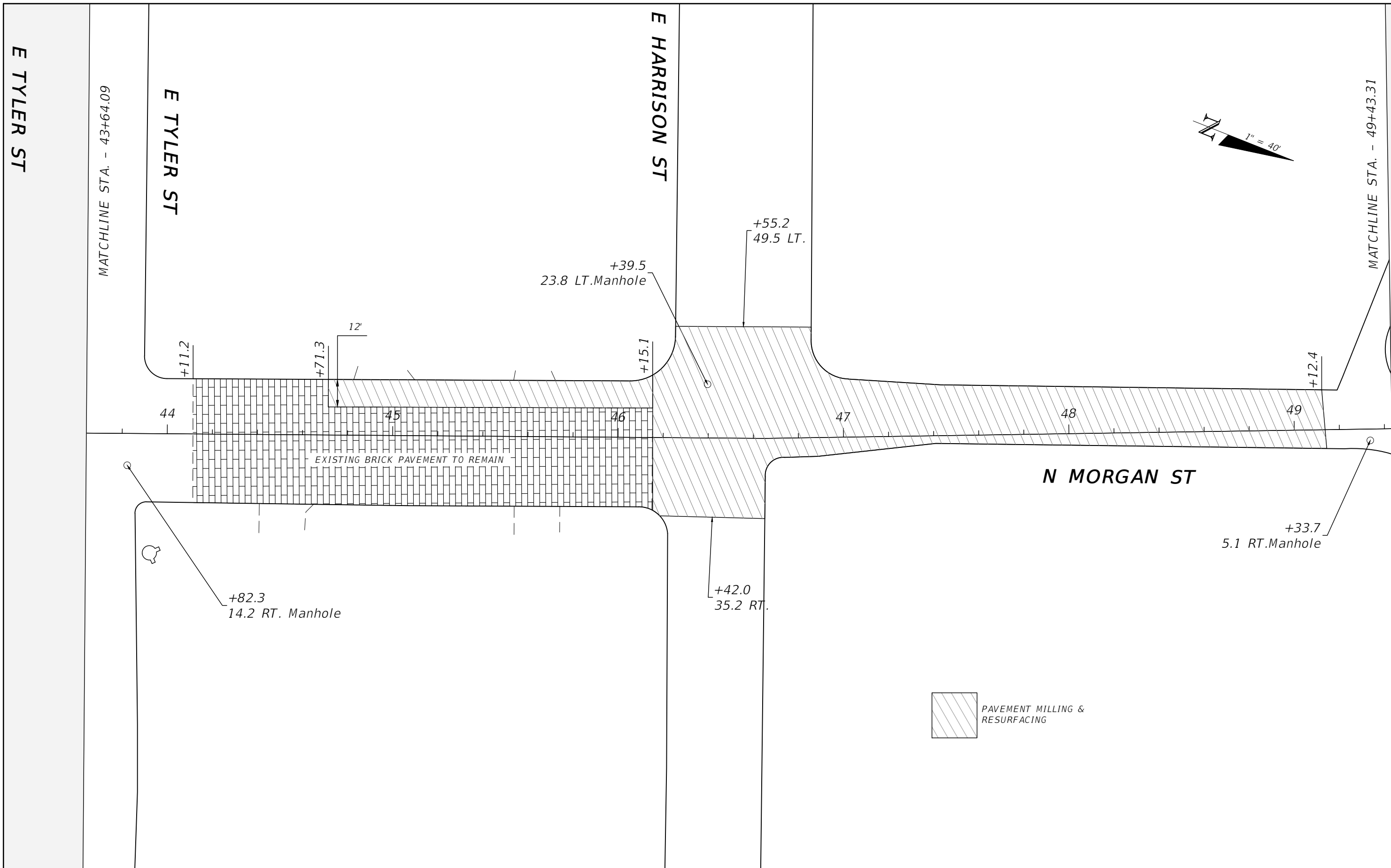
ROADWAY PLAN

SHEET NO.
9



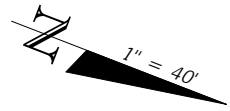
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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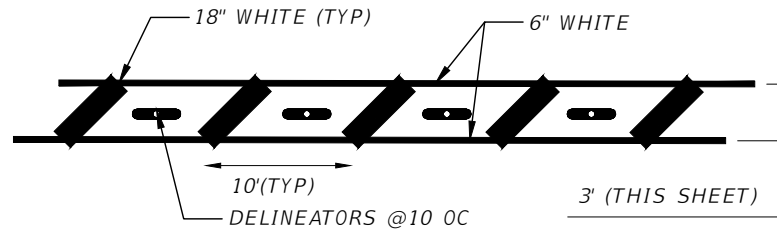
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
----	----	----	----	MORGAN ST	HILLSBOROUGH	----			



BEGIN PROJECT
STA. 10+86

BIKE TRACK BUFFER DETAIL



E BROREIN ST

DRIVEWAY

PARKING LOT

MATCHLINE STA. - 15+30.00

PARKING LOT

CYCLE TRACK INTERSECTION
MARKINGS DETAIL (SHEET 3) (TYP)

BIKE TRACK BUFFER (SEE ABOVE)

6" YELLOW (3'-9" SKIP)(TYP)

SEE CYCLE TRACK CONFLICT
MARKING DETAIL (SHEET 3) (TYP)

+47.5
0.6 LT. Manhole

+38.6
4.2 RT. Manhole

24" WHITE (TYP)

S MORGAN ST

PEDESTAL SIGNAL

ERADICATE EXISTING 24" WHITE STOP BAR

6" WHITE

75 LF OF 6" WHITE

SEE CHEVRON DETAIL THIS SHEET

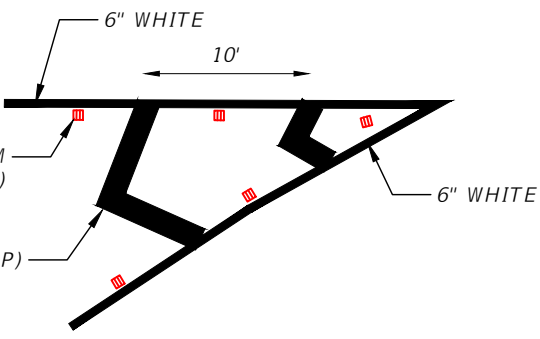
6" WHITE (2'-4" SKIP)

6" DOUBLE YELLOW WITH
Y-Y RPMS @40' OC

6" WHITE (10'-30' SKIP)
WITH W/R RPMS @ 40'

6" WHITE (EDGE LINE)

10' SPECIAL EMPHASIS CROSSWALK REFER TO
FDOT STANDARD PLANS INDEX 711-001



CHEVRON DETAIL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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PAVEMENT MARKING PLAN

SHEET NO.
12

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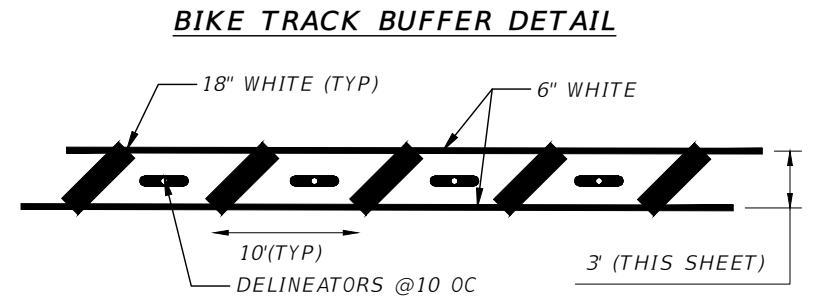
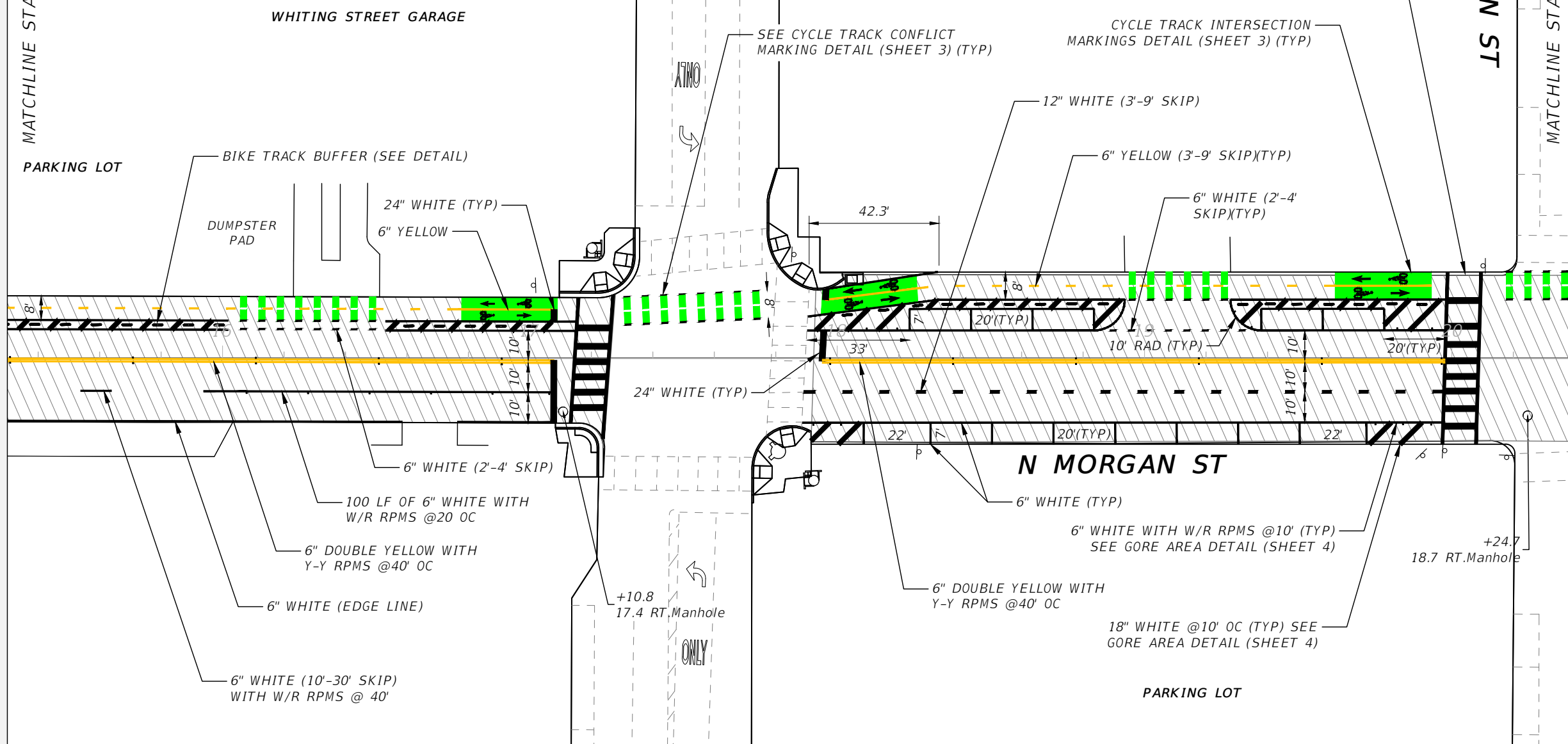
MATCHLINE STA. - 15+30.00

MATCHLINE STA. - 20+40.08

E WHITING ST

E WASHINGTON ST

WASHINGTON ST



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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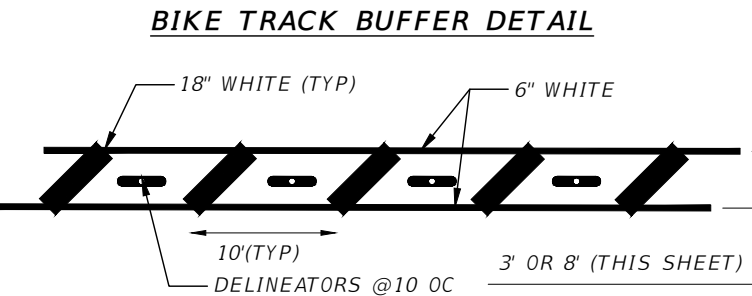
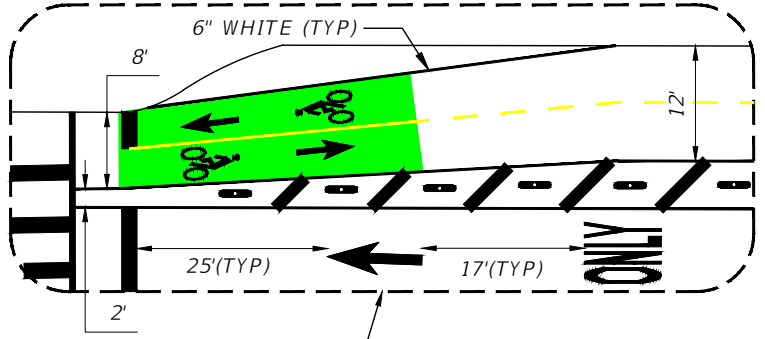
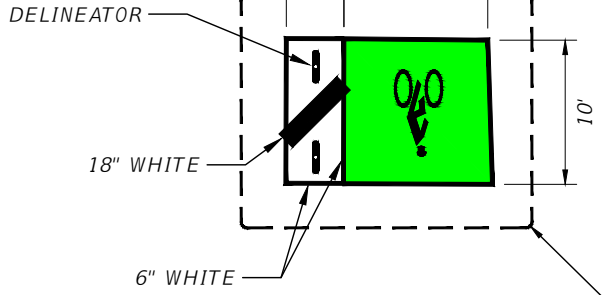
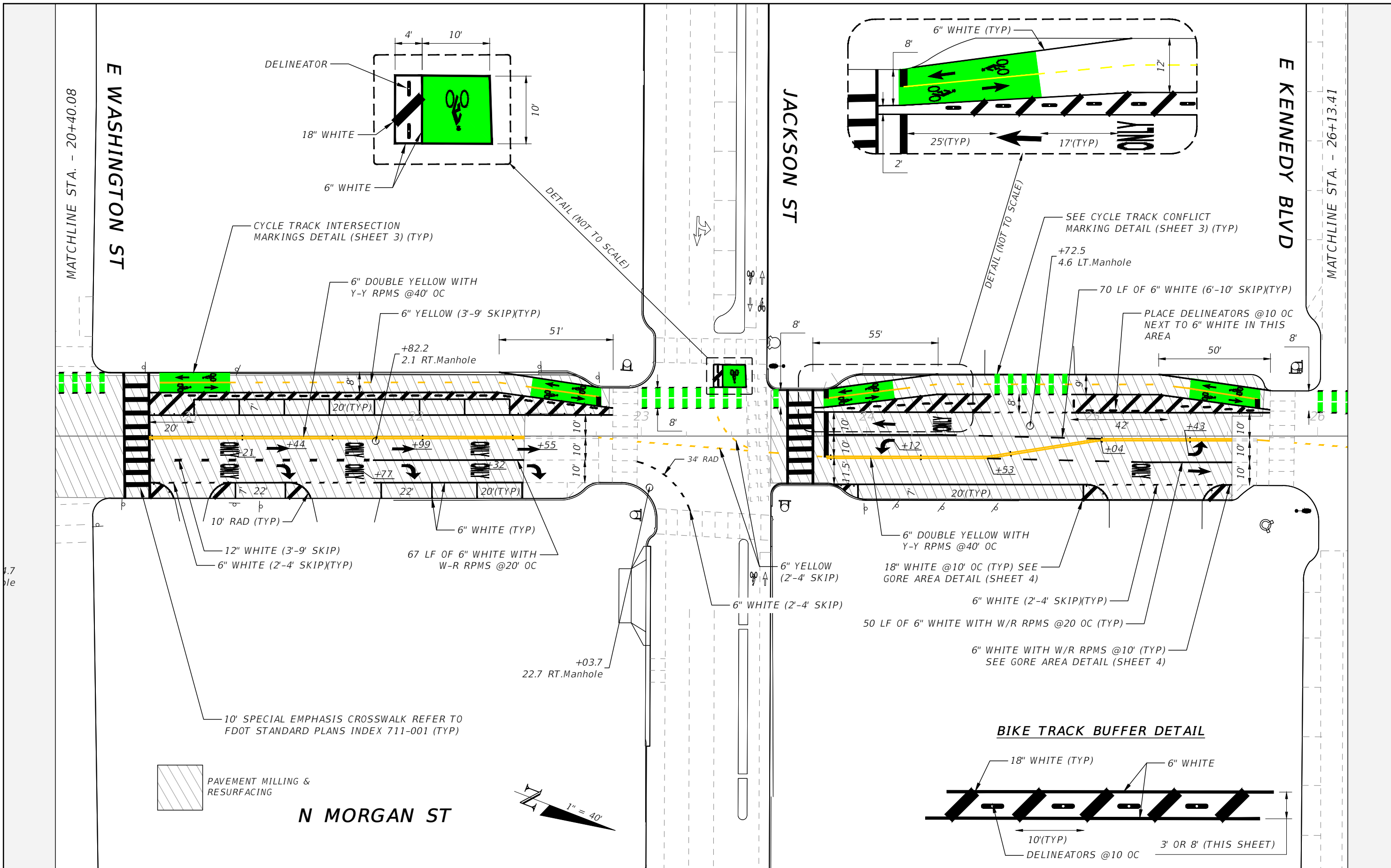
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PAVEMENT MARKING PLAN

SHEET NO.
13

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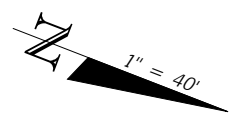
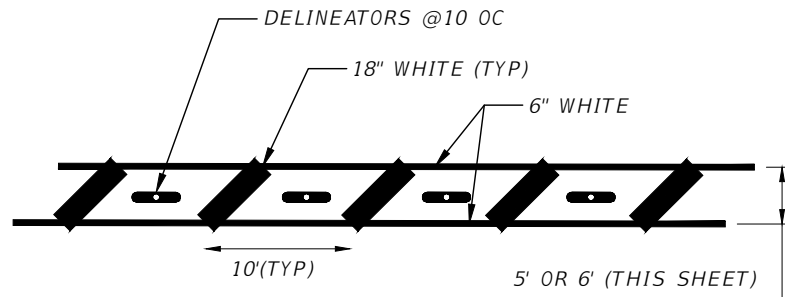
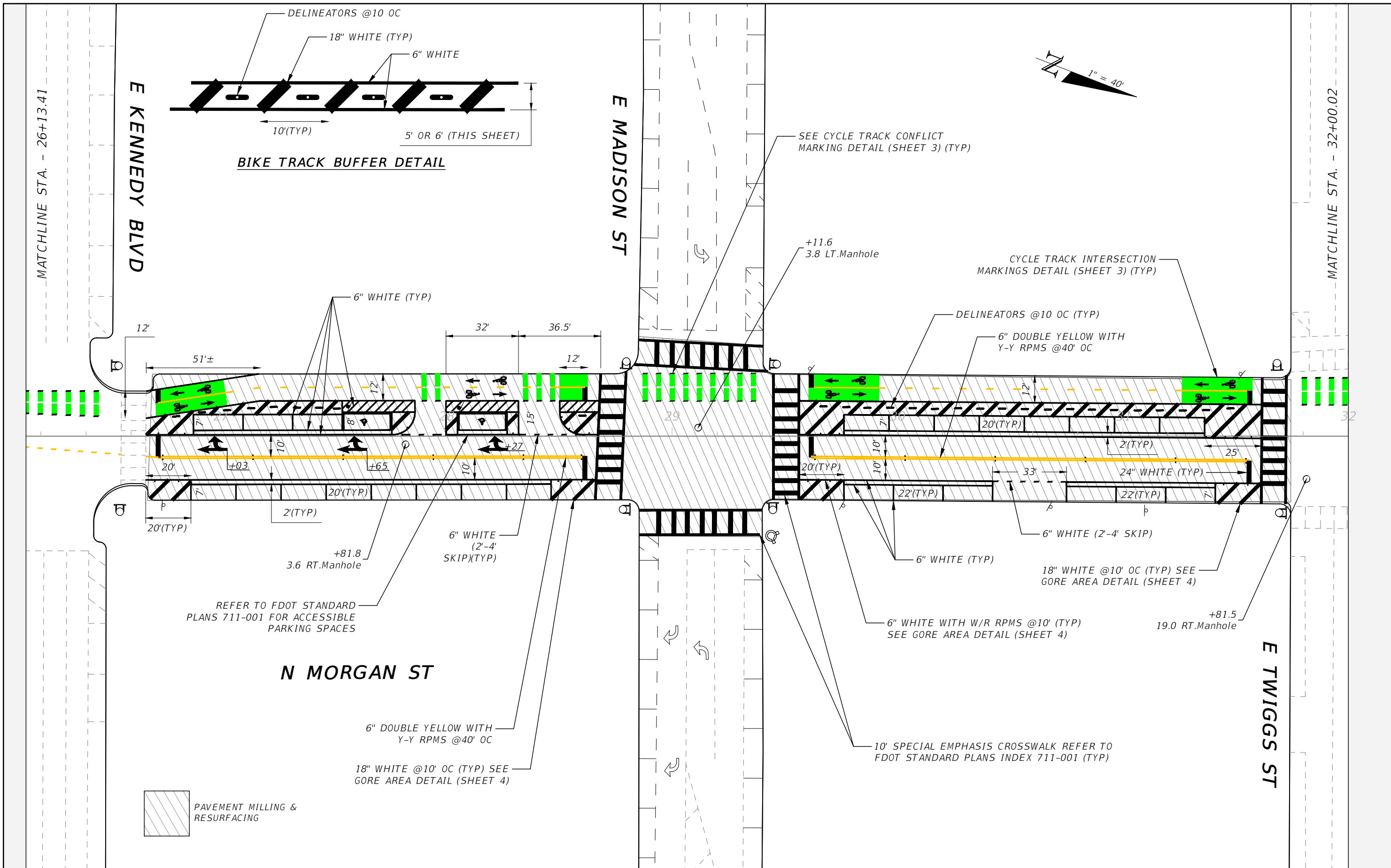
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PAVEMENT MARKING PLAN

SHEET NO.
14

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REFER TO FDOT STANDARD PLANS 711-001 FOR ACCESSIBLE PARKING SPACES



REVISIONS			
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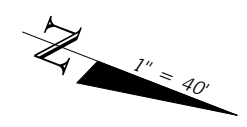
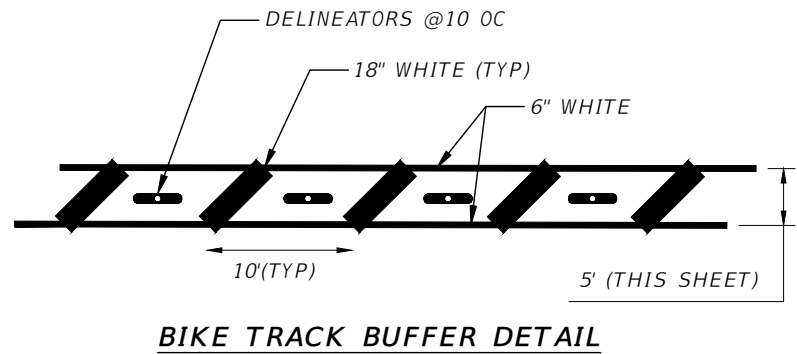
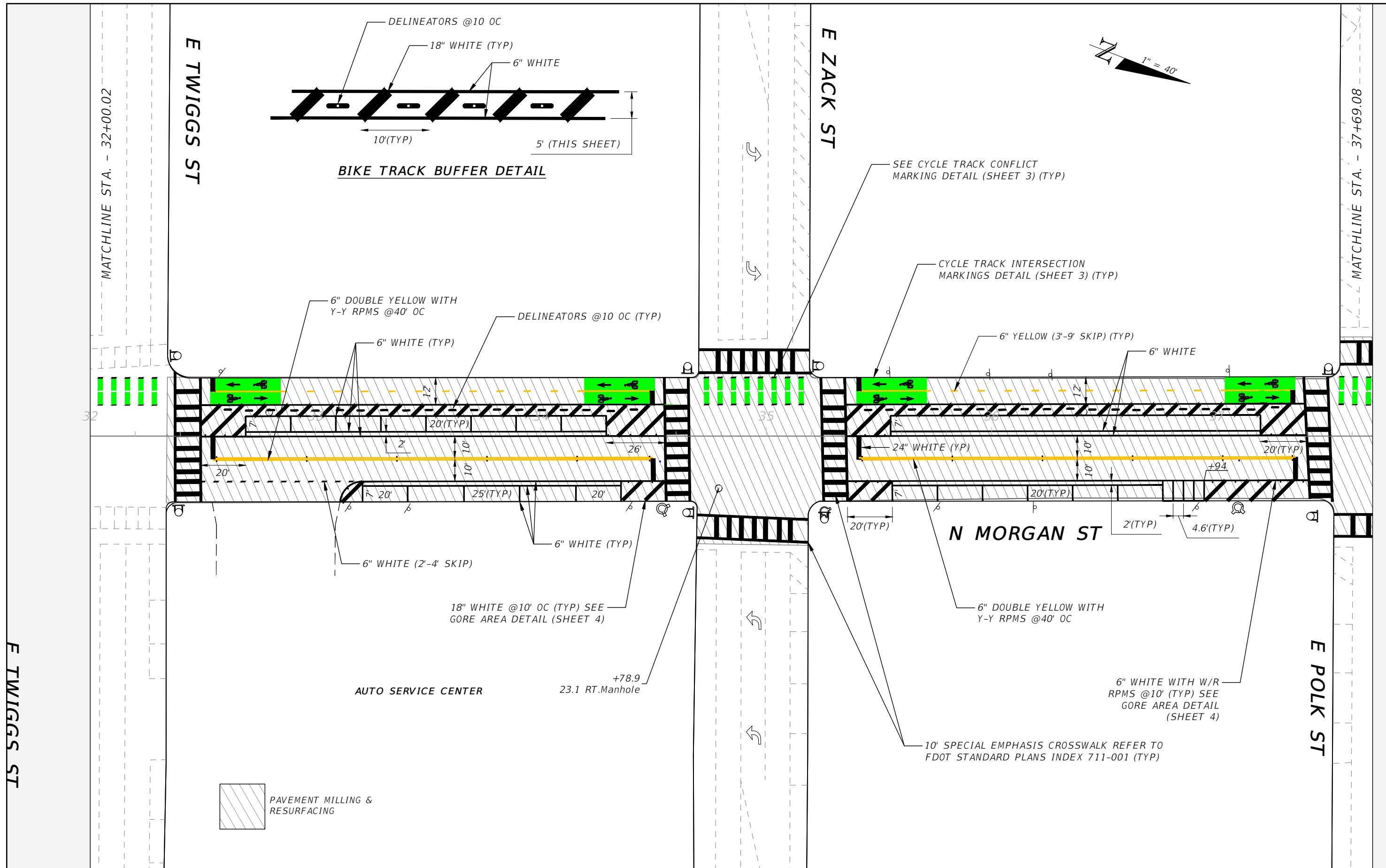
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CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MORGAN ST	HILLSBOROUGH	----

PAVEMENT MARKING PLAN

SHEET NO.
15

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MATCHLINE STA. - 32+00.02

MATCHLINE STA. - 37+69.08

E TWIGGS ST

E TWIGGS ST

E ZACK ST

E POLK ST



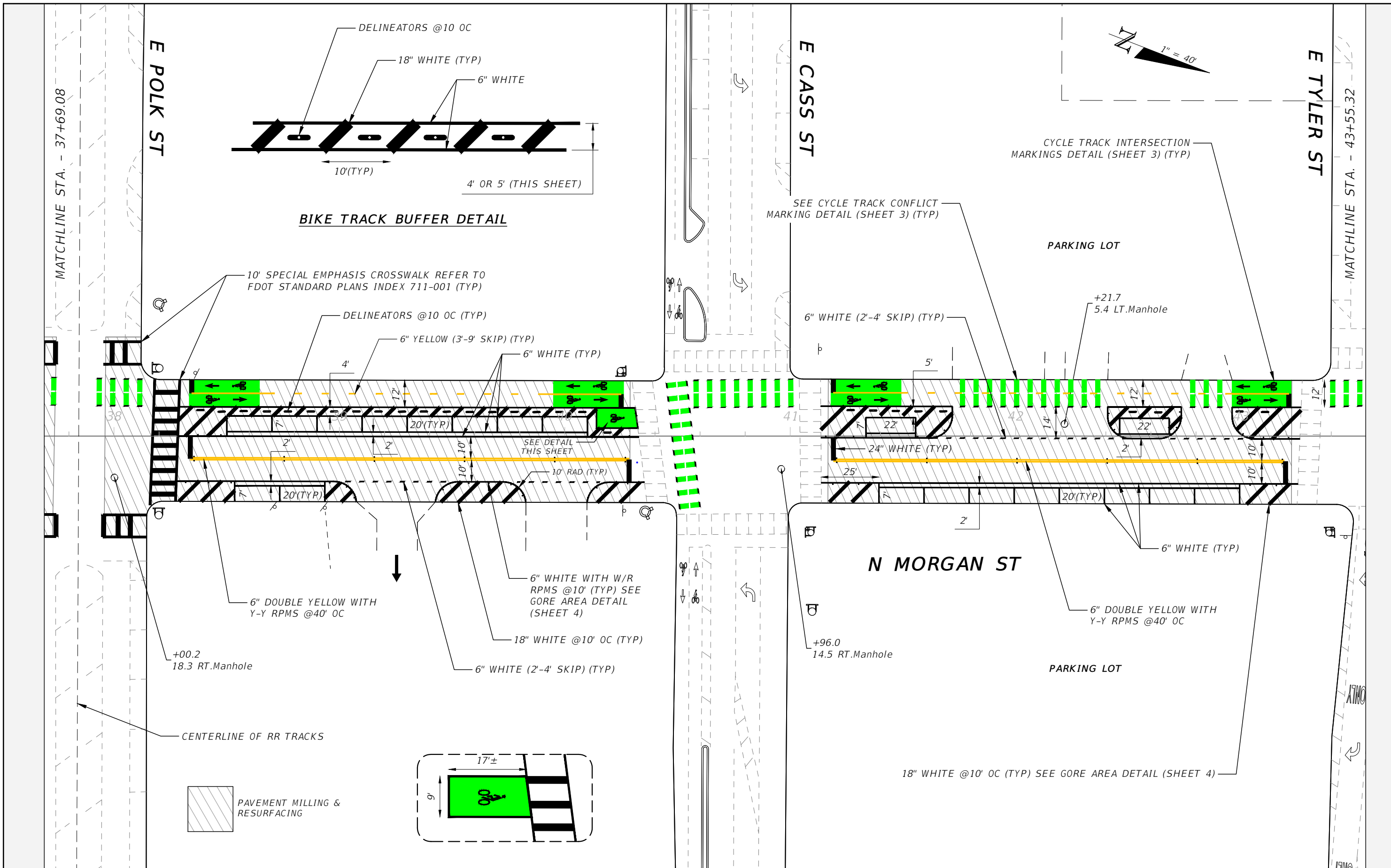
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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TIMOTHY ARTHUR HORST, P.E.
P.E. LICENSE NUMBER 94091
CITY OF TAMPA
306 E. JACKSON ST
TAMPA, FL 33602
CERTIFICATE OF AUTHORIZATION ----

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MORGAN ST	HILLSBOROUGH	----

PAVEMENT MARKING PLAN

SHEET NO.
16



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DATE	DESCRIPTION	DATE	DESCRIPTION

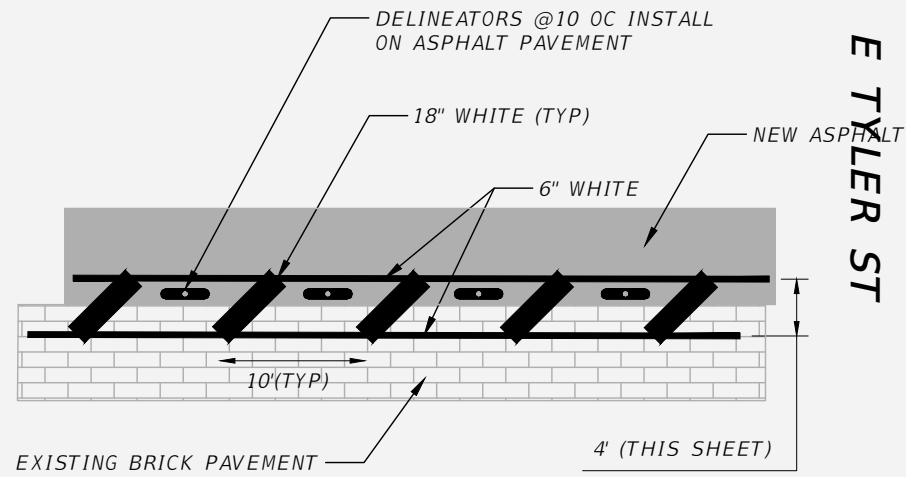
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CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MORGAN ST	HILLSBOROUGH	----

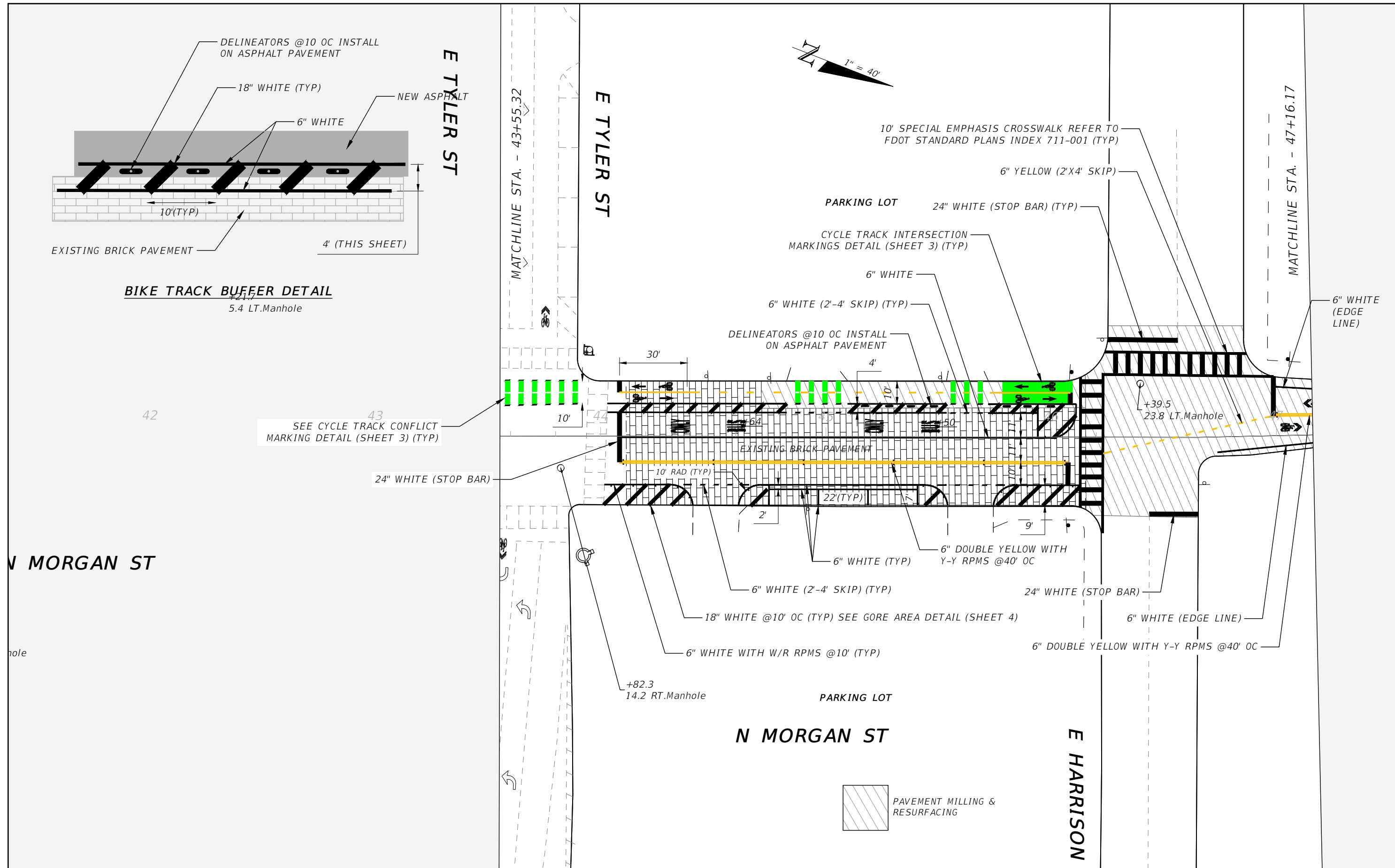
PAVEMENT MARKING PLAN

SHEET NO.
17

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BIKE TRACK BUFFER DETAIL
5.4 LT. Manhole



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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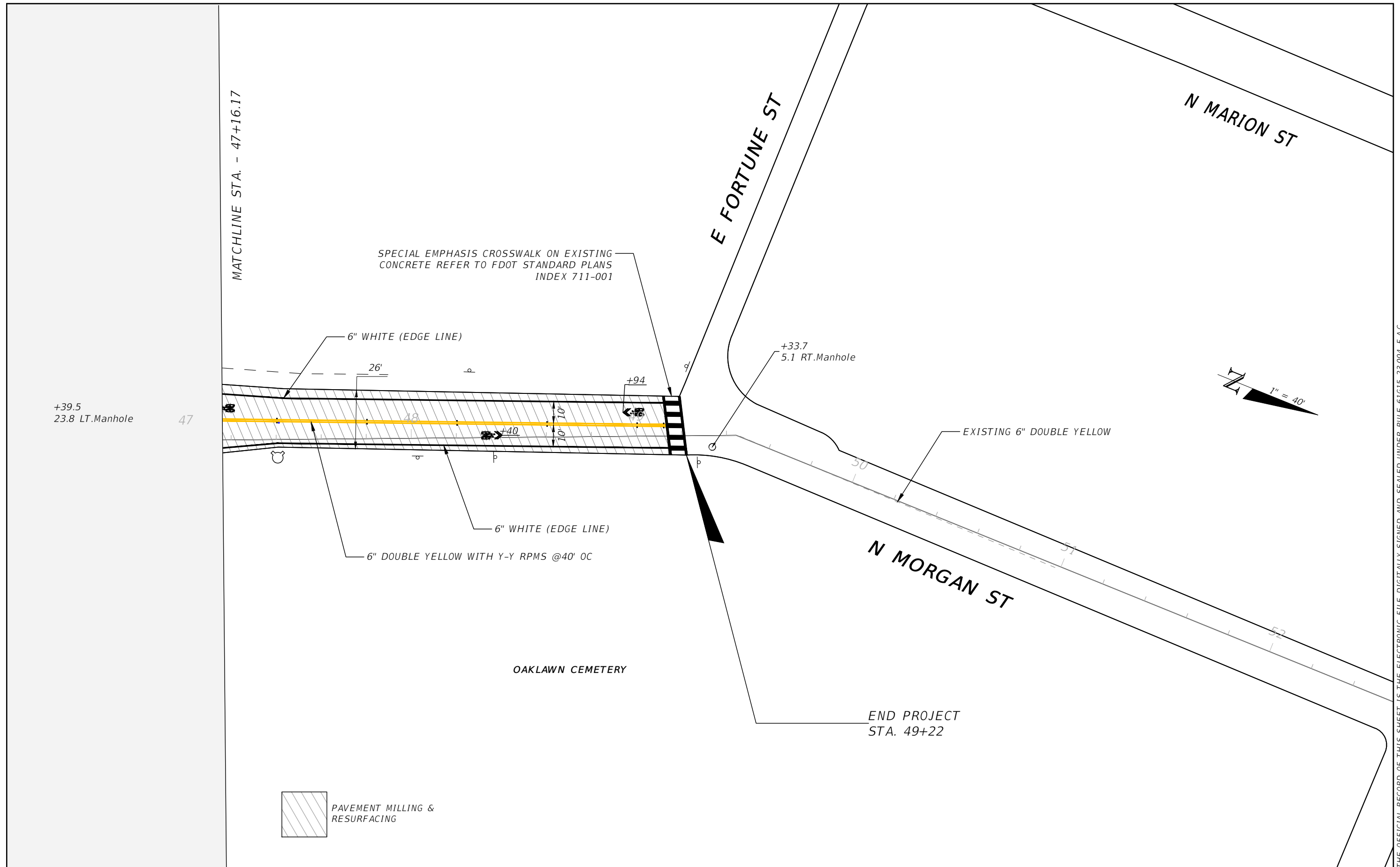
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PAVEMENT MARKING PLAN

SHEET NO.
18

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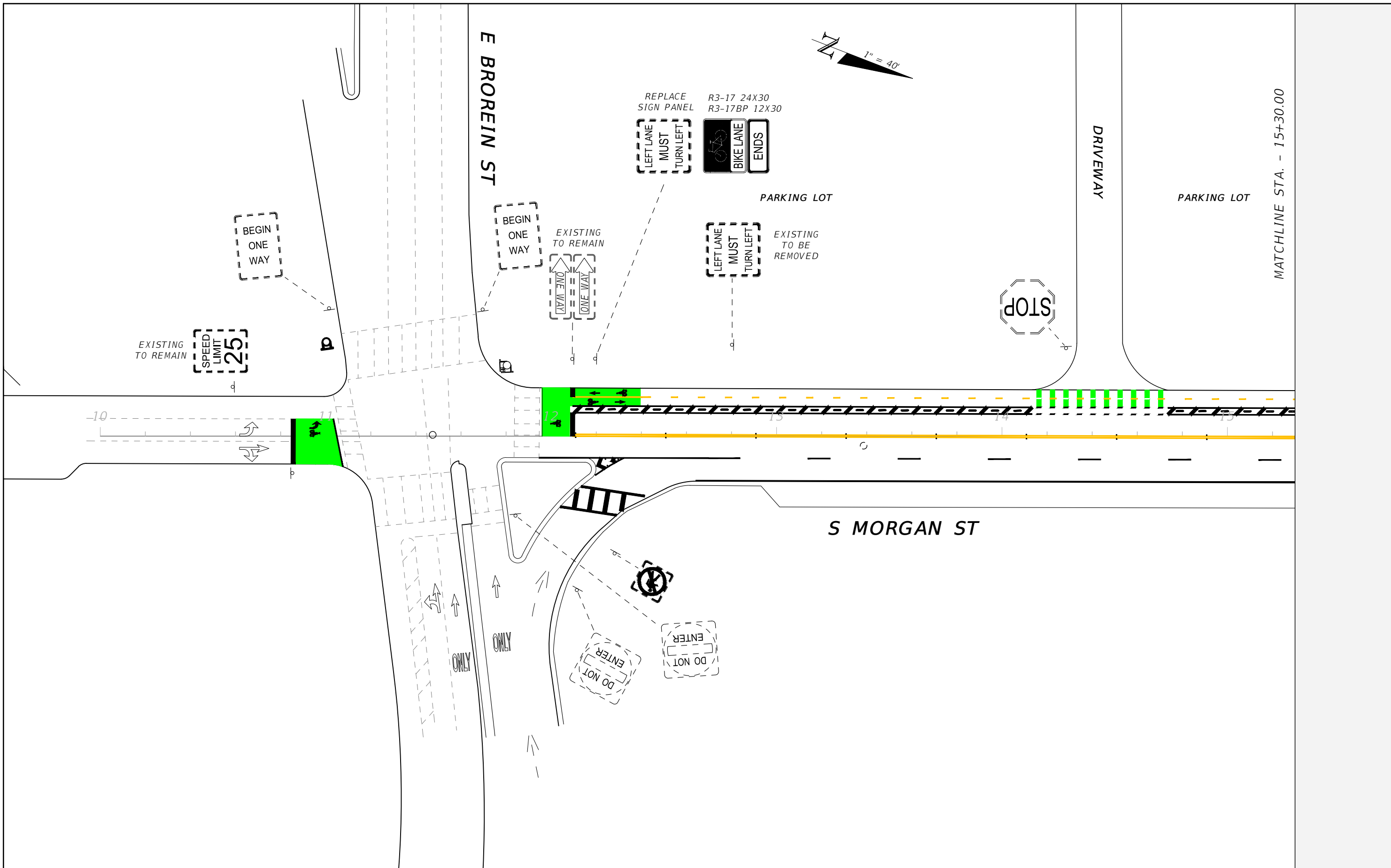
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MORGAN ST	HILLSBOROUGH	----

PAVEMENT MARKING PLAN

SHEET NO.
19



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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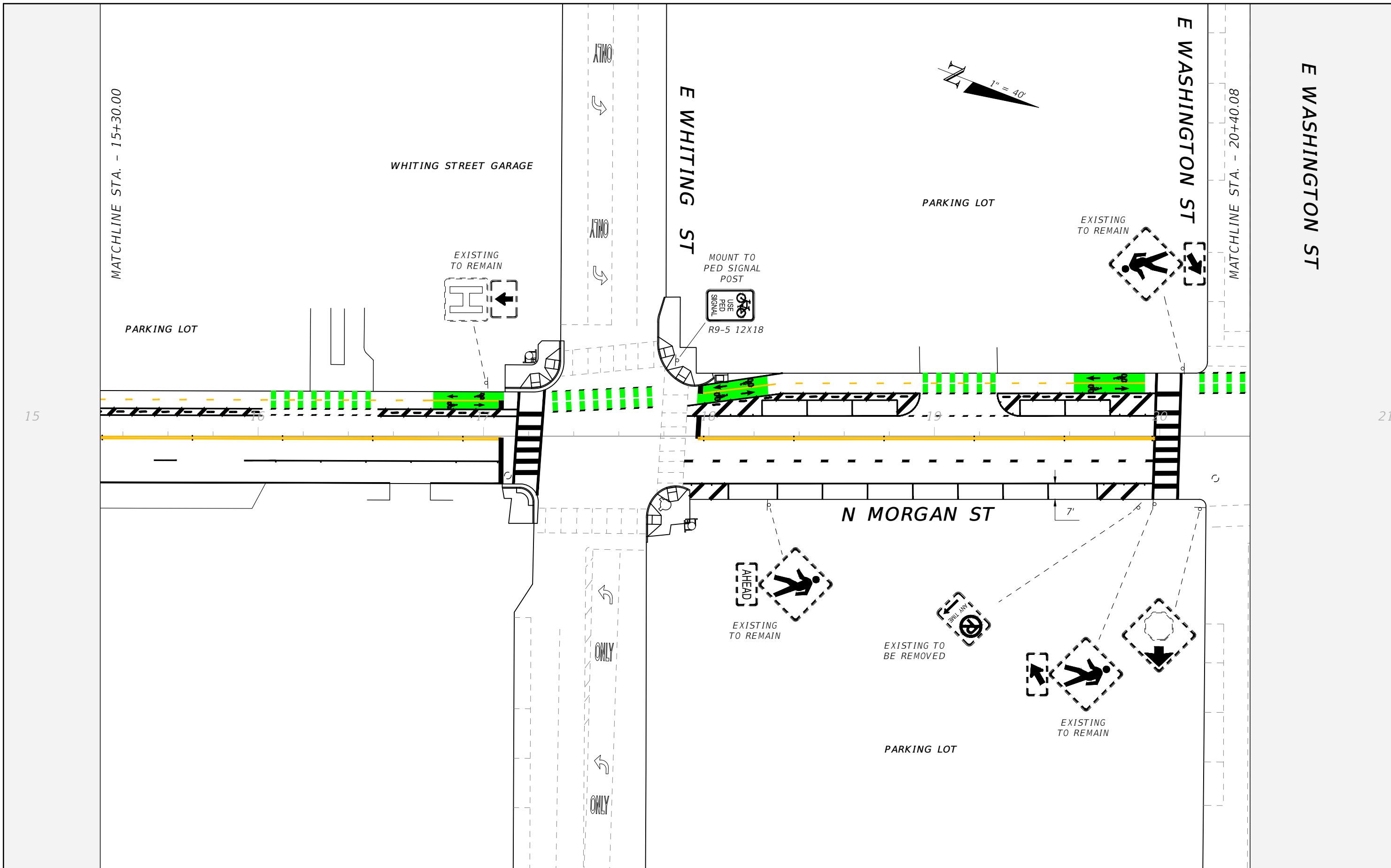
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CITY OF TAMPA MOBILITY DEPARTMENT		
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MORGAN ST	HILLSBOROUGH	----

SIGNING PLAN

SHEET NO.
20

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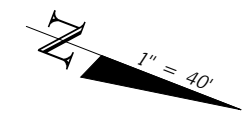
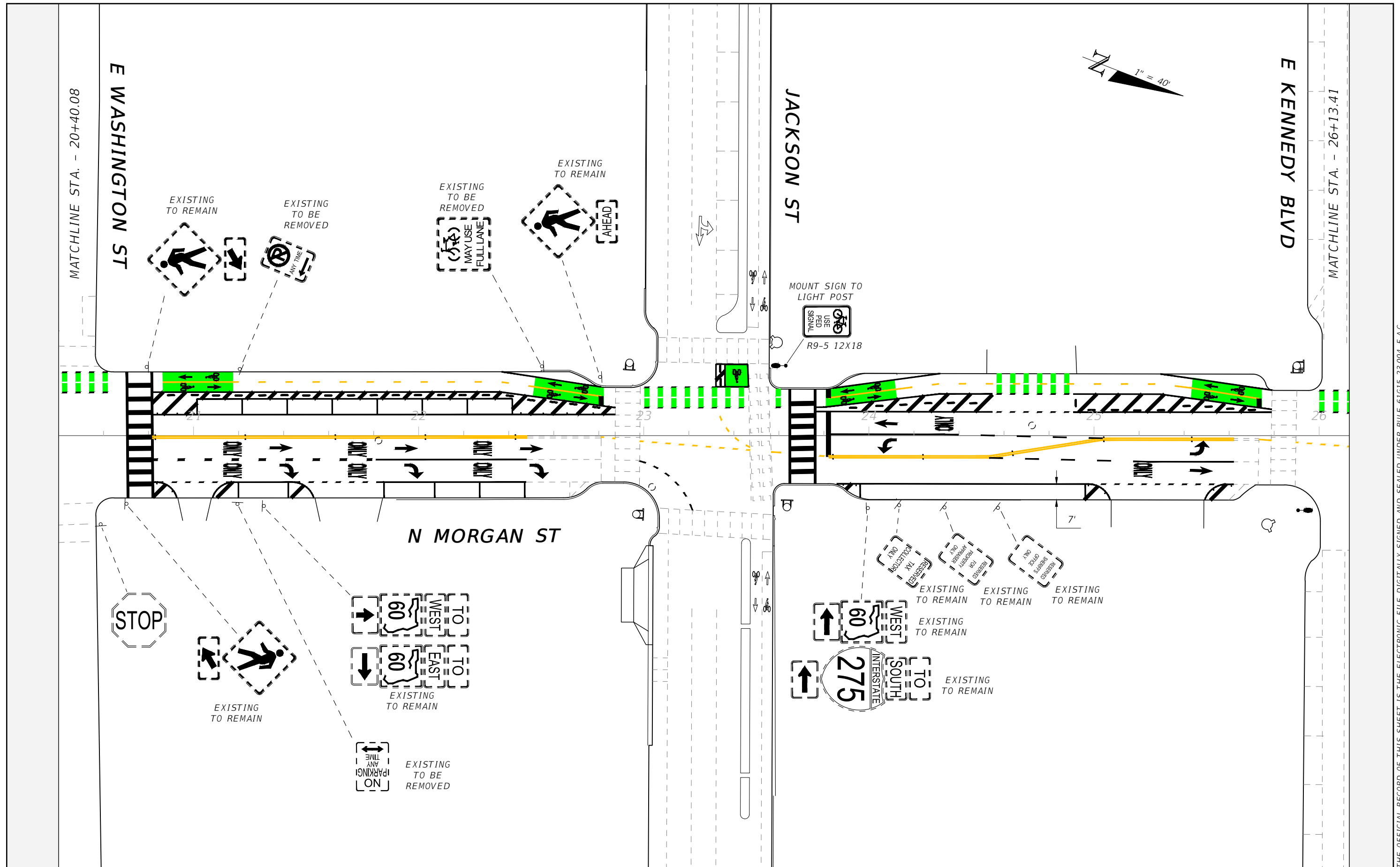
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MORGAN ST	HILLSBOROUGH	----

SIGNING PLAN

SHEET NO.
21



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DATE	DESCRIPTION	DATE	DESCRIPTION

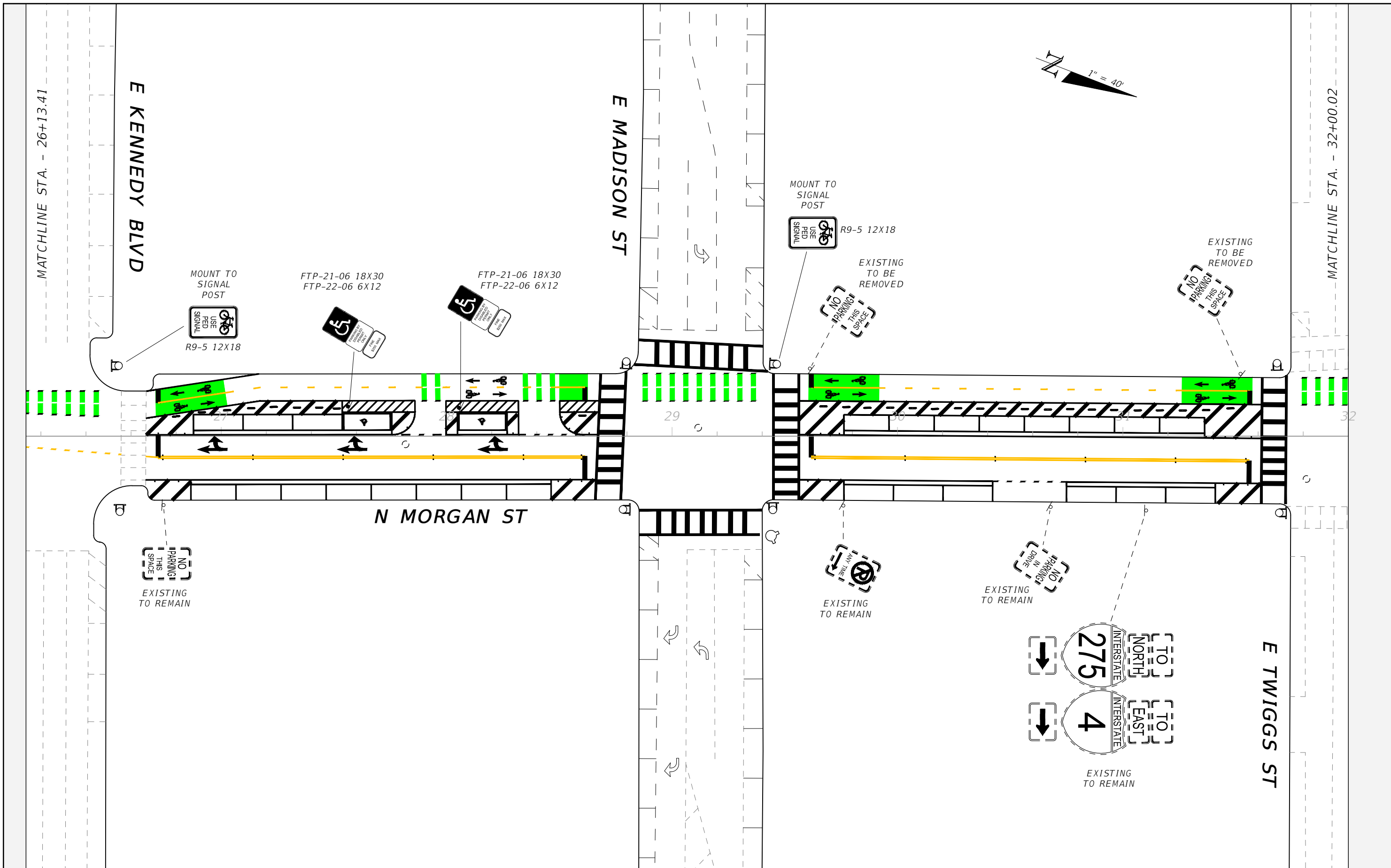
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MORGAN ST	HILLSBOROUGH	----

SIGNING PLAN

SHEET NO.
22

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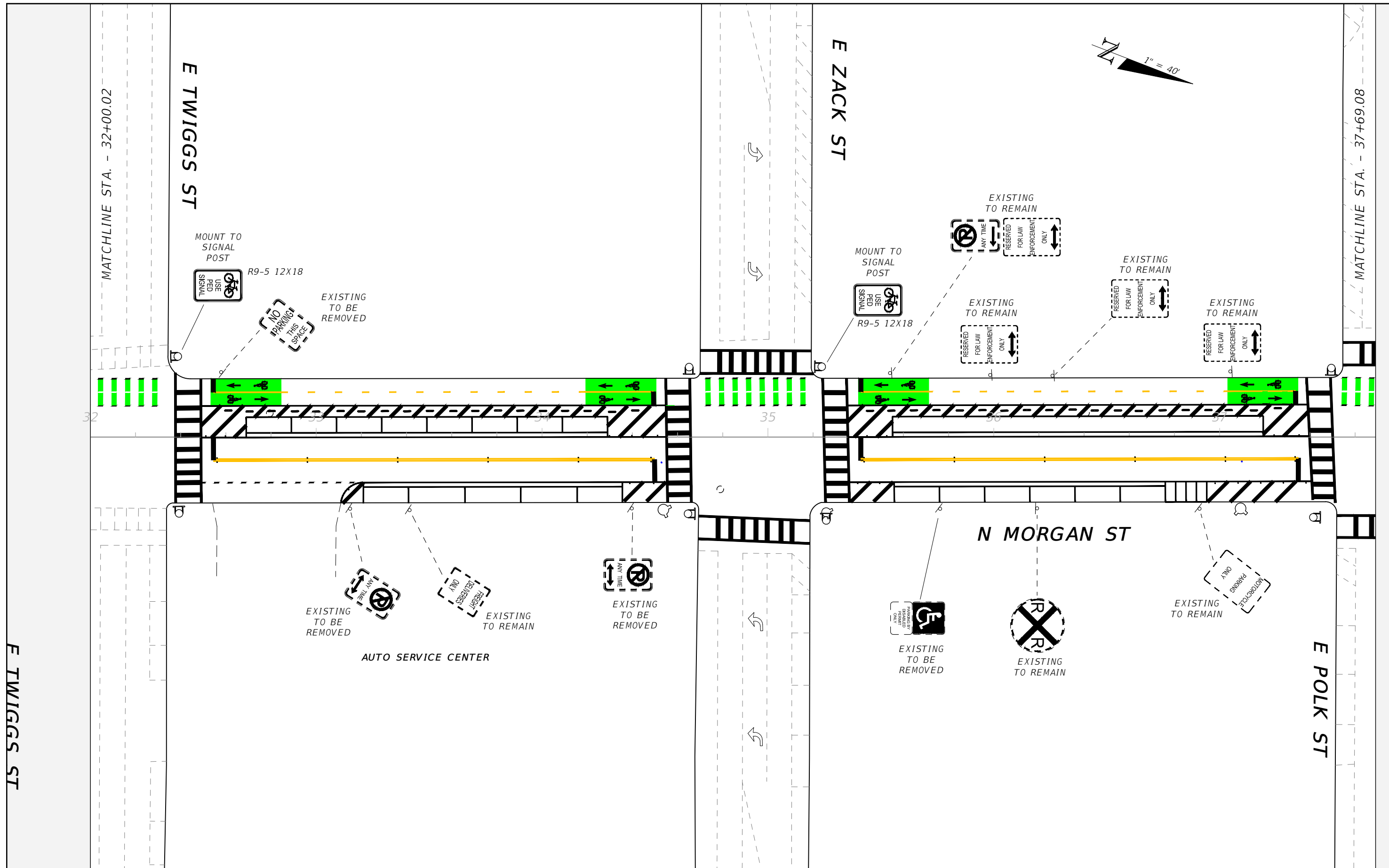
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MORGAN ST	HILLSBOROUGH	----

SIGNING PLAN

SHEET NO.
23



E TWIGGS ST

E TWIGGS ST

E ZACK ST

N MORGAN ST

E POLK ST

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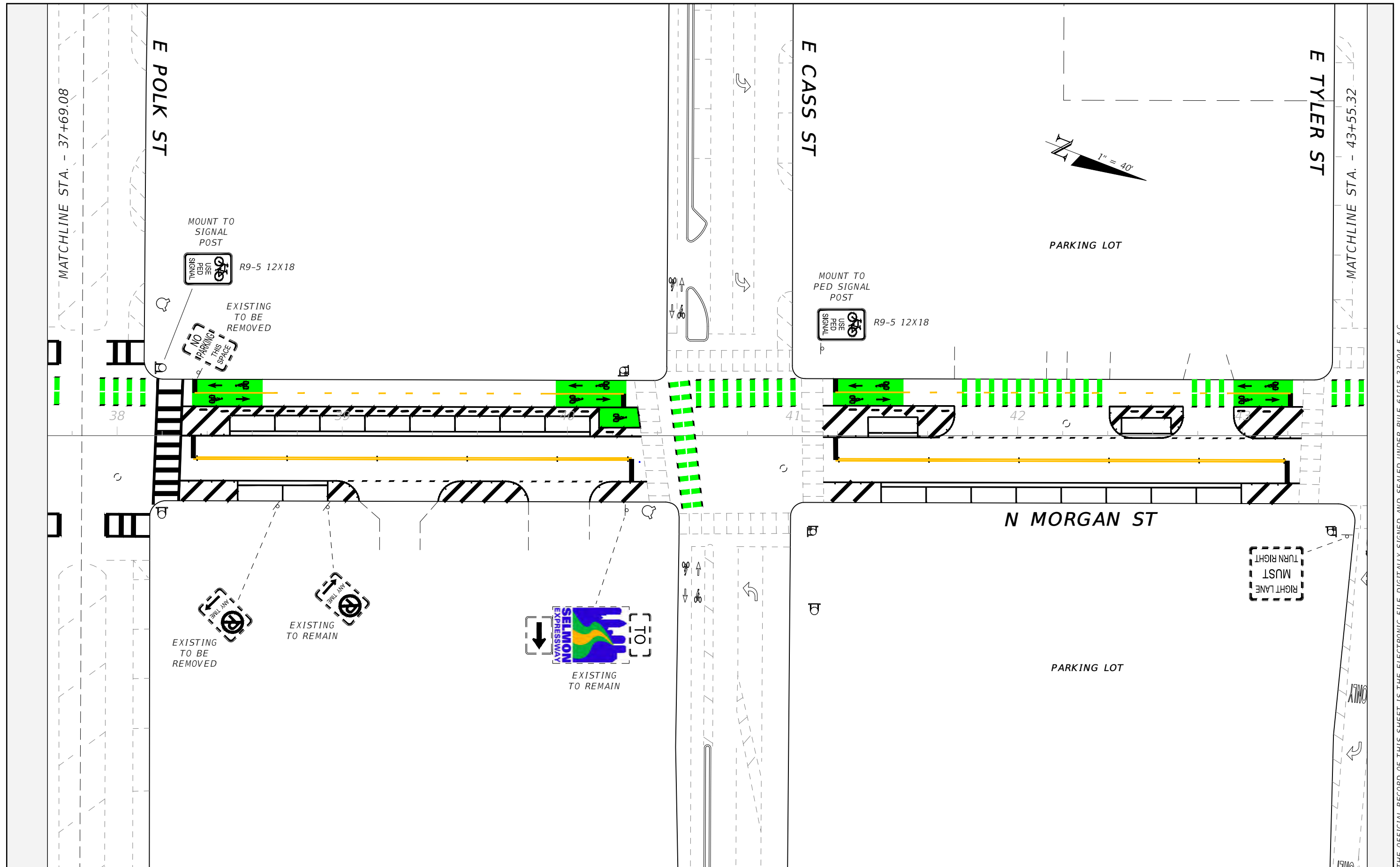
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SIGNING PLAN

SHEET NO.
24



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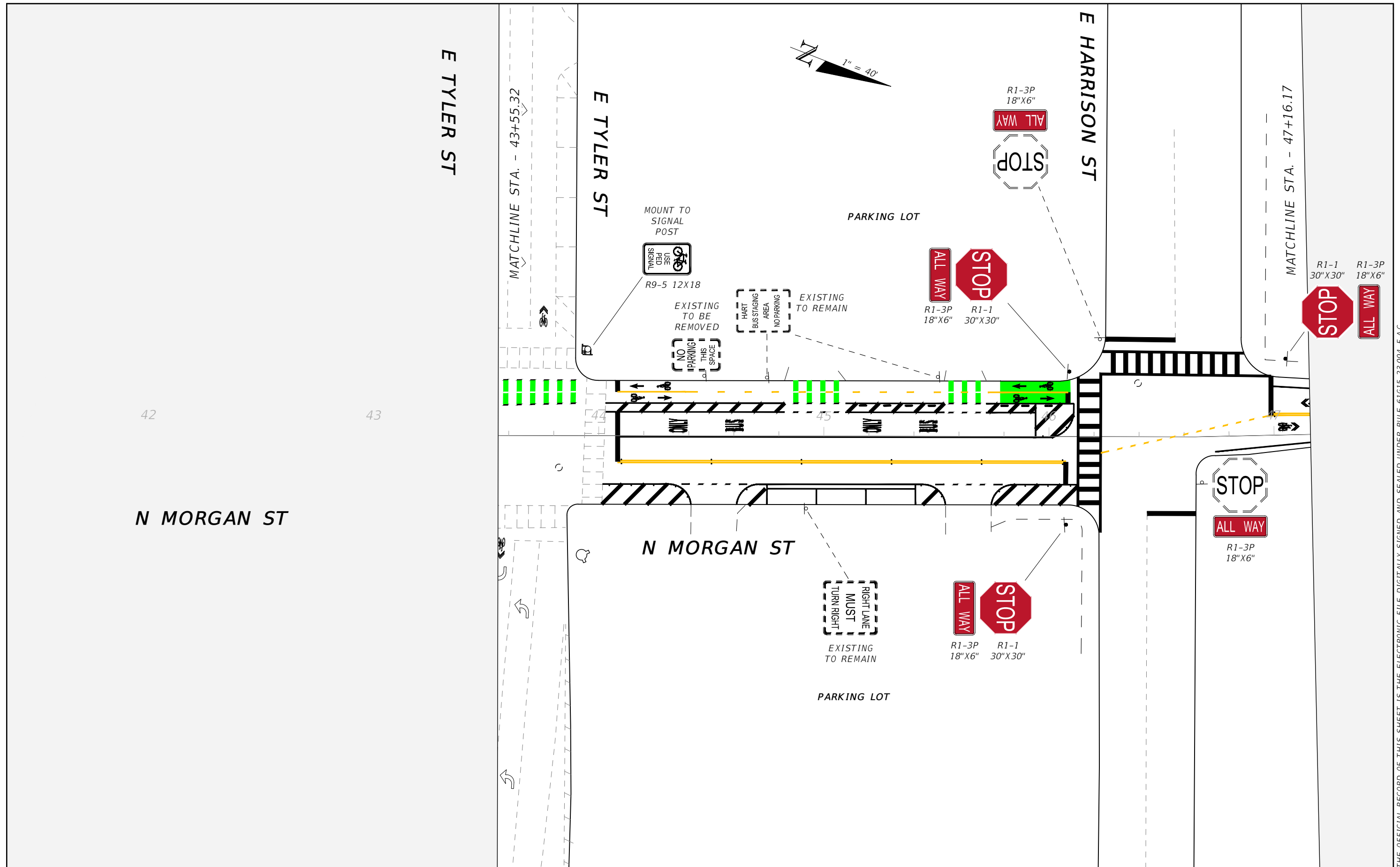
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CITY OF TAMPA MOBILITY DEPARTMENT		
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MORGAN ST	HILLSBOROUGH	----

SIGNING PLAN

SHEET NO.
25



42

43

N MORGAN ST

E TYLER ST

E TYLER ST

E HARRISON ST

N MORGAN ST

MATCHLINE STA. - 43+55.32

MATCHLINE STA. - 47+16.17

PARKING LOT

PARKING LOT

MOUNT TO SIGNAL POST

R9-5 12X18

EXISTING TO BE REMOVED

EXISTING TO REMAIN

R1-3P 18"X6"

R1-1 30"X30"

R1-1 30"X30"

R1-3P 18"X6"

R1-3P 18"X6"

R1-1 30"X30"

R1-3P 18"X6"

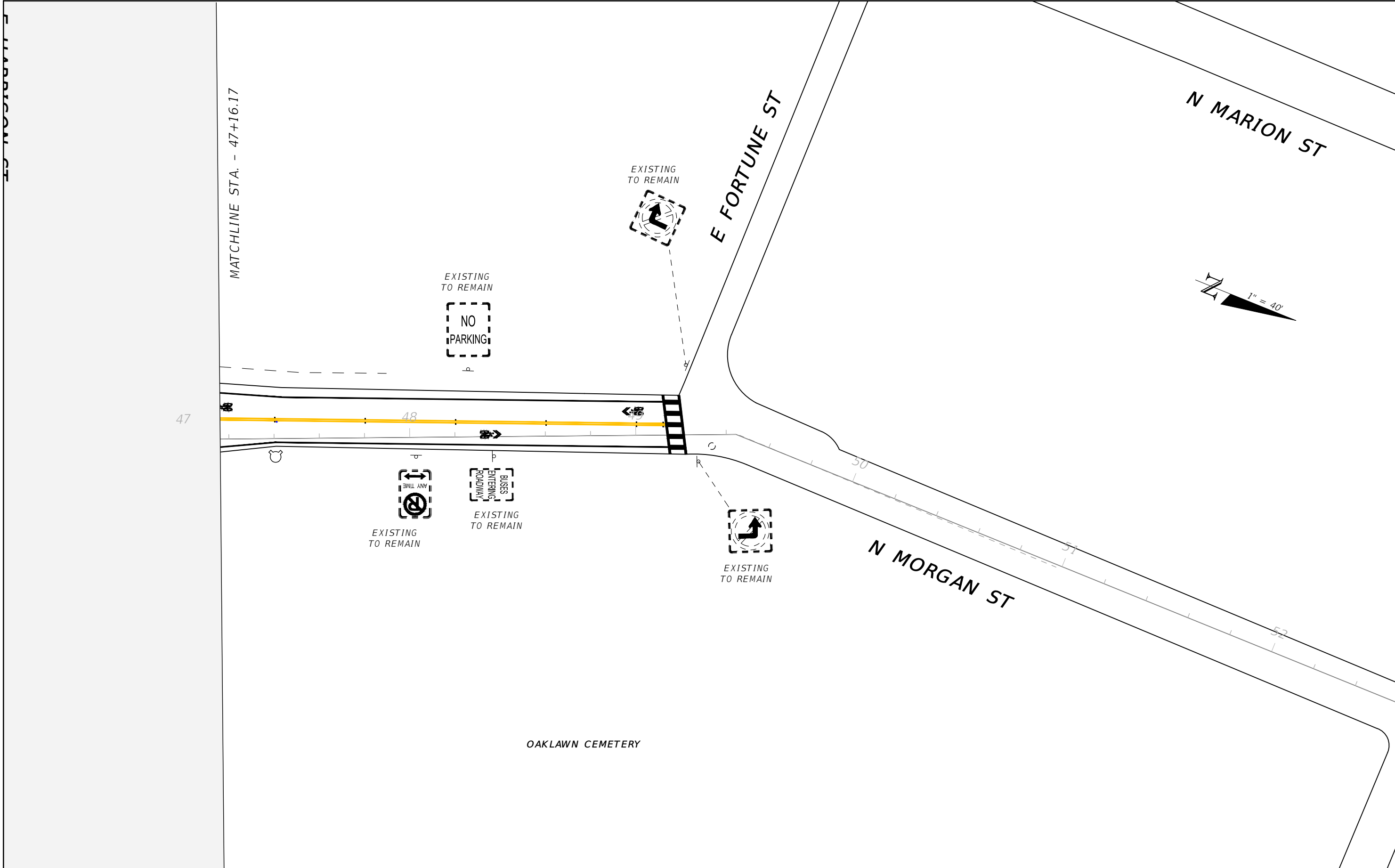
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SIGNING PLAN

SHEET NO.
26



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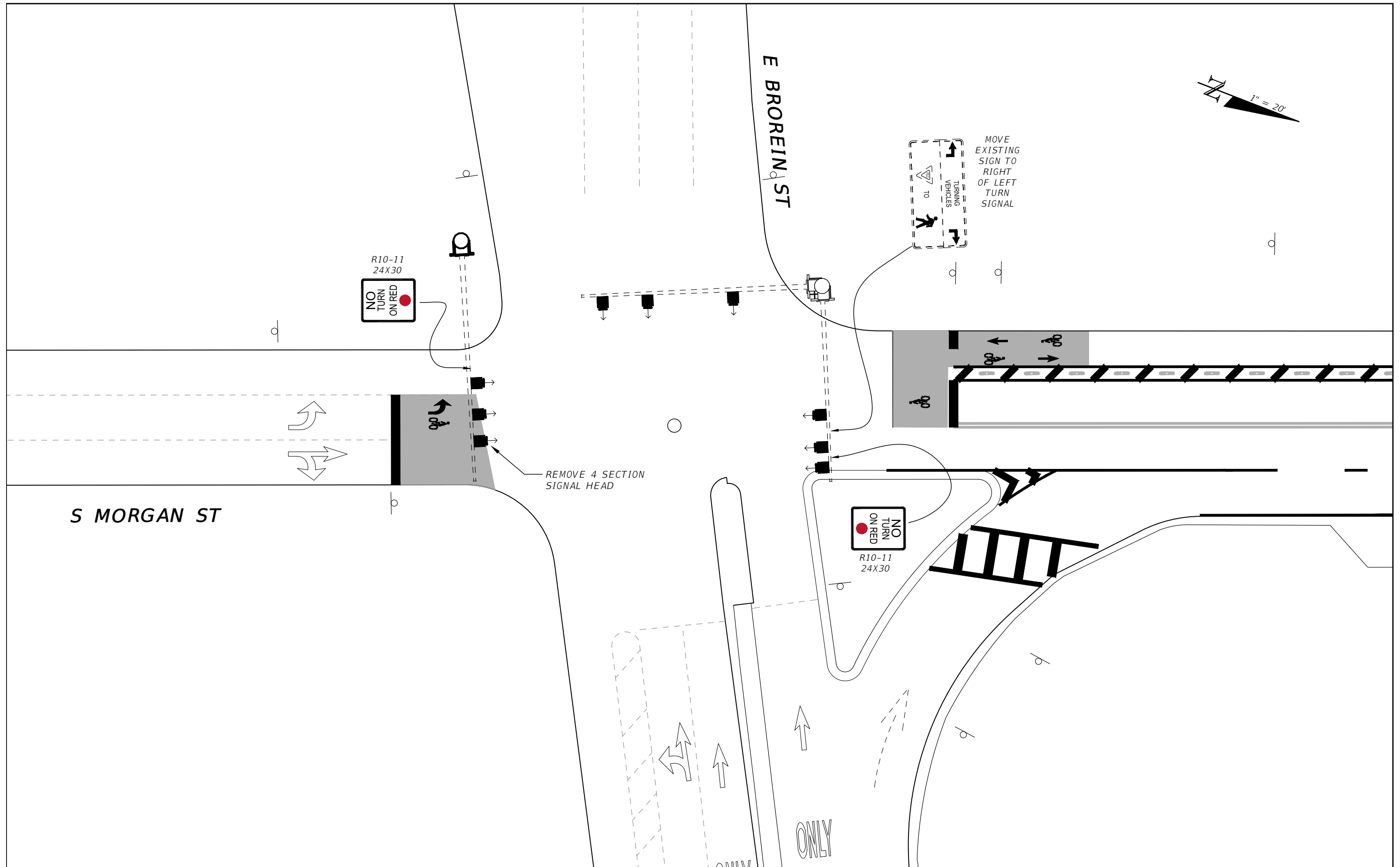
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DATE	DESCRIPTION	DATE	DESCRIPTION
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SIGNING PLAN

SHEET NO.
27



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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SIGNAL PLAN


SHEET NO.
28

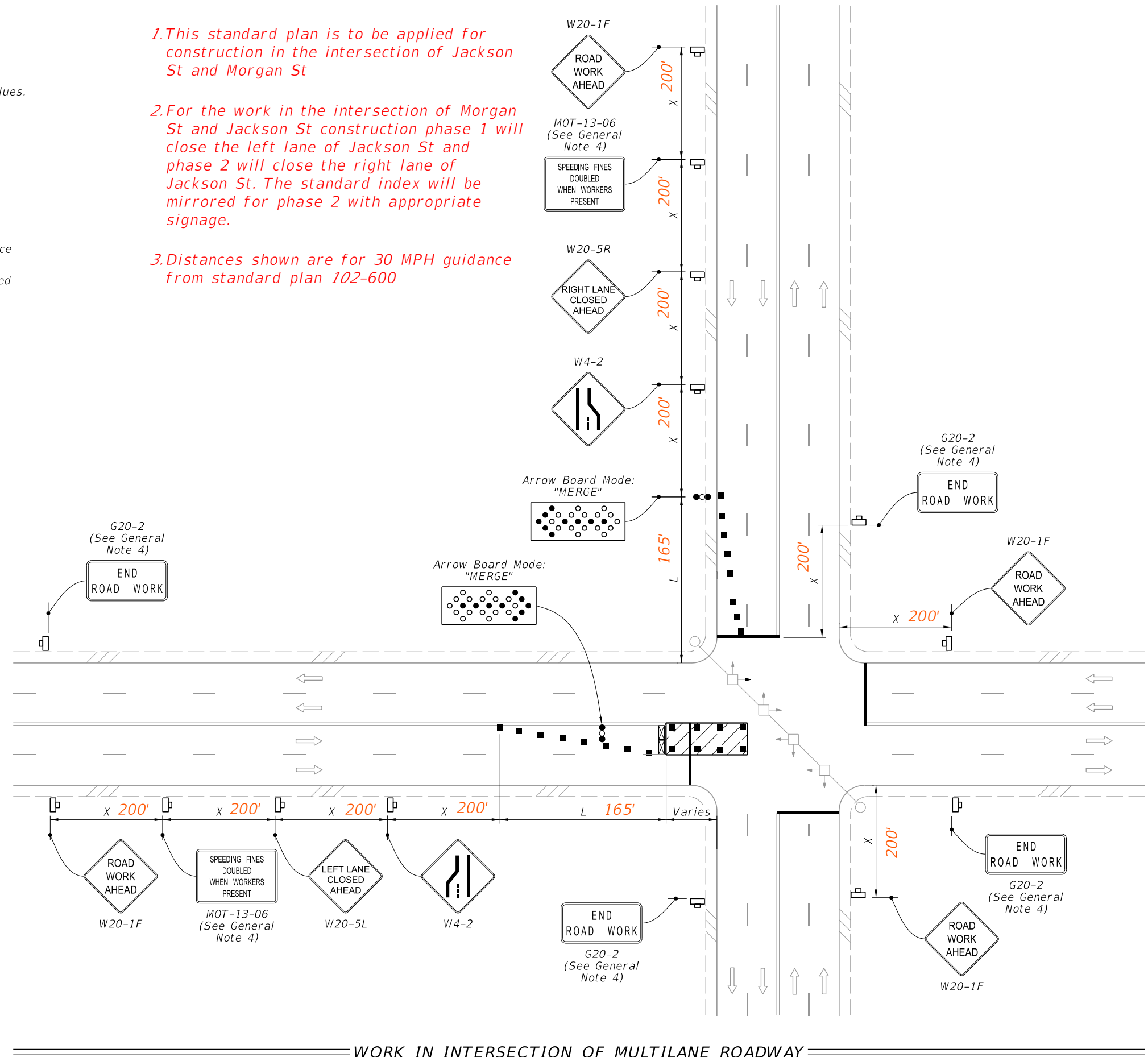
GENERAL NOTES:

1. L = Taper Length
B = Buffer Length
X = Work Zone Sign Distance
See Index 102-600 for "L", "B", "X", and channelizing device spacing values.
2. If vehicles in a parking zone block the line of sight to TCZ signs, locate and post mount signs in accordance with Index 700-101.
3. Use temporary "STOP" sign (R1-1) where the existing stop bar is more than 30' from the taper, remove or cover existing sign.
4. The "Speeding Fines Doubled When Workers Present" sign (MOT-13-06) and "End Road Work" Sign (G20-2), along with associated Work Zone Sign Distances, may be omitted when the work operation will be in place for 24 hours or less. Additionally, arrow boards may be omitted when the work operation will be in place for 60 minutes or less and the speed limit is 45 mph or less.
5. If the work area extends across a crosswalk, close the crosswalk in accordance with Index 102-660.
6. Dual signs are required for divided roadways.


1. This standard plan is to be applied for construction in the intersection of Jackson St and Morgan St
2. For the work in the intersection of Morgan St and Jackson St construction phase 1 will close the left lane of Jackson St and phase 2 will close the right lane of Jackson St. The standard index will be mirrored for phase 2 with appropriate signage.
3. Distances shown are for 30 MPH guidance from standard plan 102-600

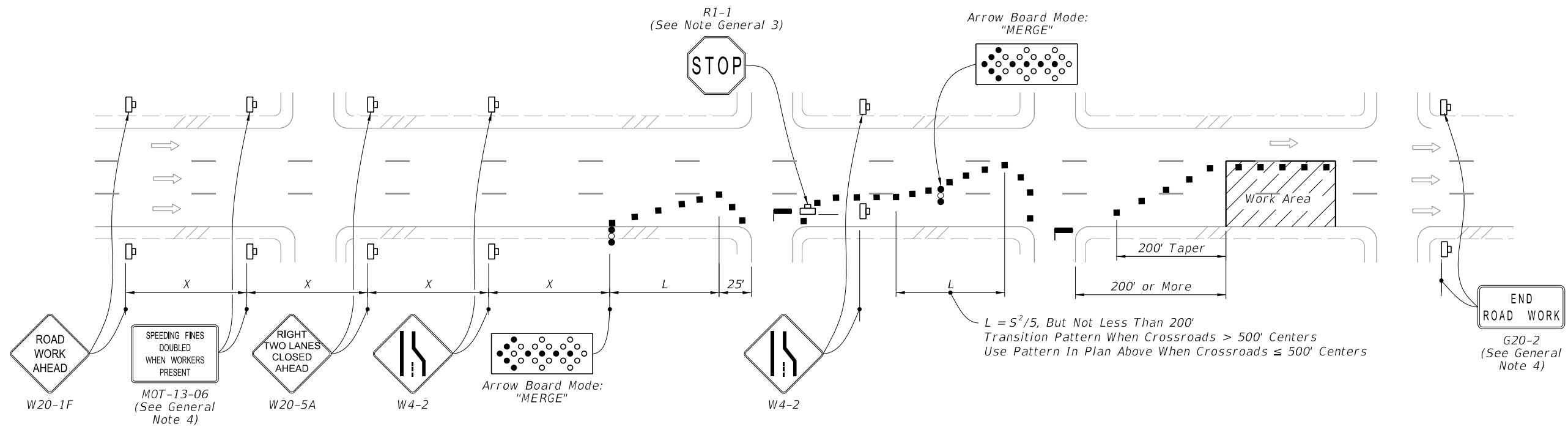
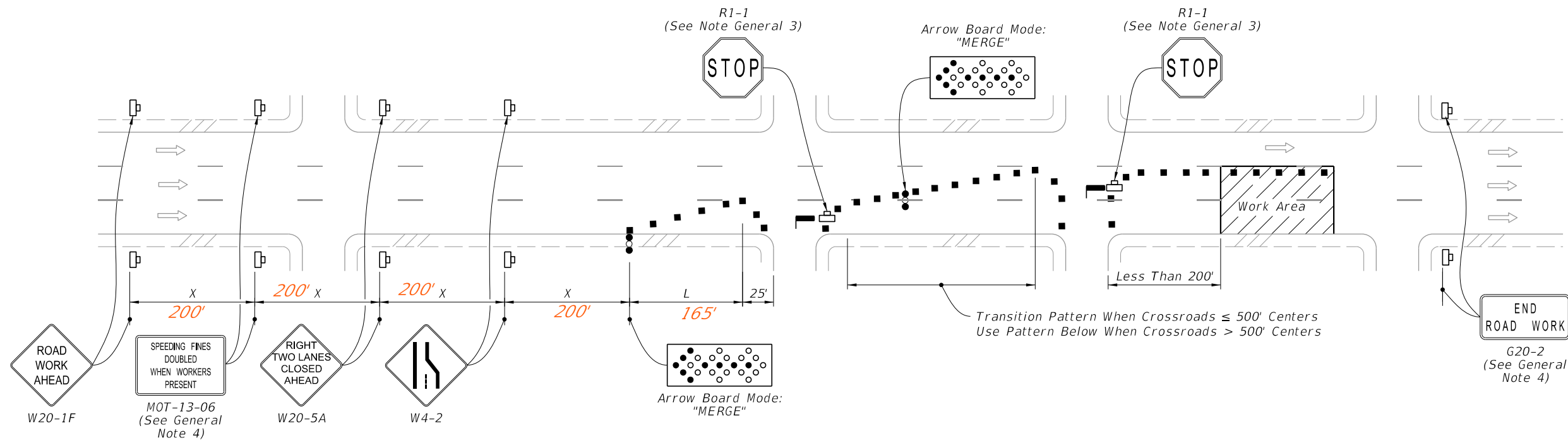
SYMBOLS:

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  Type III Barricade
-  Arrow Board
-  Stop Bar
-  Lane Identification and Direction of Traffic



3/4/2024 10:45:09 AM

LAST REVISION 11/01/22	REVISION	DESCRIPTION:	 FY 2023-24 STANDARD PLANS	MULTILANE ROADWAY, INTERSECTION WORK	INDEX 102-615	SHEET 1 of 5
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- SYMBOLS:** (See General Note 5)
- Work Area
 - Channelizing Device (See Index 102-600)
 - Work Zone Sign
 - Arrow Board
 - Stop Bar
 - Lane Identification and Direction of Traffic

1. This standard plan is to be applied for construction in the intersection of Kennedy Blvd and Morgan St

2. For the work in the intersection of Morgan St and Kennedy construction phase 1 will close the two right lanes of Kennedy Blvd and phase 2 will close the left two lanes of Kennedy Blvd. The standard index will be mirrored for phase 2 with the appropriate signage.

3. The transition pattern when crossroads are less than 500' apart will be applied. Pierce St is more than 200' from our work area, so the 200' taper will be applied.

4. Distances shown are for 30 MPH guidance from standard plan 102-600

10/7/2022 2:45:59 PM

LAST REVISION 11/01/22	REVISION	DESCRIPTION:		FY 2023-24 STANDARD PLANS	MULTILANE ROADWAY, INTERSECTION WORK	INDEX 102-615	SHEET 5 of 5
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